REPORT

ON

Forest Administration

IN THE

CENTRAL PROVINCES

FOR

THE YEAR 1887-88.

102

NAGPUR:

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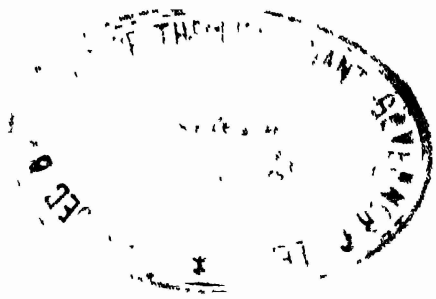

No. 1237 F., dated Calcutta, the 21st December 1888.

From—W. R. LAWRENCE, Esq., C.S., *Offg. Secretary to the Government of India,*
To—*The Chief Commissioner of the Central Provinces.*

I AM directed to acknowledge the receipt of your letter No. 6422—360, dated the 2nd ultimo, forwarding the Report of Forest Administration in the Central Provinces for the year 1887-88, with your Resolution thereon.

2. It is observed that effect has been given, as far as the numerical weakness of the Controlling Staff rendered this possible, to the orders of the Government of India for the closer connection between Revenue and Forest Administrations, and that the authority of the Conservator has been strengthened and extended as regards the professional management of those forest areas which were not formerly included in the first-class Reserves. The Government of India approves of your action in this matter.

3. The Conservator's Report would seem to shew that large areas were added to and excluded from the Reserves during the year, whereas in reality the area was merely increased by 97 square miles. It is explained that the entries in question represent transfers of forests from one controlling charge to another; but such transfers should not, in the opinion of the Government of India, be shown in a statement intended to exhibit changes in the legal constitution of forest estates. His Excellency in Council is glad to observe that you have under consideration the final reservation of such areas of the Unclassed Forests as are not better suited for permanent cultivation. The steps taken by you for the exclusion of surplus land in view to the extension of agriculture, and for the gradual separation of the A. class Reserves selected for closer treatment and protection, commend themselves to the Government of India, and His Excellency in Council also concurs with you in thinking that the progress made in demarcation has been on the whole satisfactory, and that the proper registration of boundary marks and the compilation of an annual return showing the state of the boundaries promise to be useful measures.

4. It is a matter for regret that it has as yet not been found possible to strengthen the Forest Staff of the Central Provinces sufficiently to provide for the formation of a Working-Plans Division, without which it must be acknowledged that no real progress can be hoped for in the preparation of well-considered plans of management; but as it will doubtless be found that the generality of working-plans in the Province will have to be based on area, the task will be much simplified as the existing maps of the forests are replaced by the more reliable productions of the Forest Survey.

The opinion expressed by you that, without working-plans, it is necessary in many cases to be more conservative than would otherwise be desirable, is borne out by the experience of other Provinces, and the Government of India recognises the advisability of an early substitution of Working-Plans for the present annual Plans-of-Operations. The latter, to be useful, always presuppose great local knowledge on the part of the officer or officers responsible for the execution of the Plan, and of such knowledge it is evident that Government may be deprived at any moment.

5. The Conservator's Report shows that an effective control is exercised over the subordinate establishment. It is satisfactory to learn that no Forest Rangers were amongst those whom it was found necessary to punish. A perusal of Appendix B to the Report shows, however, that, though a decrease has taken place in the percentage of punishments, there is still ample room for improvement.

As regards the general protection of the forests, there was a decrease in the number of offences brought to the notice of the Courts, and the percentage of convictions rose to 84 per cent. This is satisfactory.

6. The area under fire-protection increased from 1,556 square miles to 1,909 square miles, and now comprises 10 per cent. of the total area of Reserves. The cost per square mile, however, rose from R13 to R16, and the proportion of failures from 7 to 9 per cent. Both the rise in cost and the high percentage of failures are attributed to the extensive conflagrations which took place in the Nimar District. But for these disastrous fires, which are attributed, at least, to some extent, to the remissness of the Forest Officer in charge, the year's work would have been the best on record.

7. The returns submitted to the Conservator of the tracts which escaped fire, without any special arrangements having been devised for their protection, indicate that their area exceeded by four times those artificially protected, and that less than 50 per cent. of the whole Government forests was burnt. No reliability is claimed for the figures, but they conclusively show that during the present year extensive areas escaped where in former years the whole of the forests were burnt, and this notwithstanding the unfavourable character of the season. The protection of these extensive areas is the most important feature in the year's progress, and His Excellency in Council entirely approves of the purport of your Circular No. 2, dated the 31st January 1888, which doubtless contributed greatly to the favourable results obtained.

8. Although the rates for grazing in the Reserves have been raised, the area closed to pasture has not been materially extended, and the ryots have been informed of their right to free grazing in the Malguzari forests, which were originally set apart for the purpose.

9. The Government of India observes with satisfaction that in your schemes for road-construction you have given due consideration to the expediency of connecting the Government forest estates with the markets of the cultivated Districts. This is of importance, not only from considerations of Forest Revenue, but with reference to the convenience of the agriculturists, who will thereby be enabled to extract forest produce at all seasons when their cattle are free for the purpose.

10. The remarks on natural reproduction are short, but prove that with strict protection good results can be confidently expected. The observations recorded in paragraph 63 of the Conservator's Report, and especially those referring to tree reproduction under the protection of *Zizyphus jujuba*, *Nyctanthes arbor-tristis*, and *Woodfordia floribunda*, have been read with interest. Artificial reproduction is a matter of minor importance in the Central Provinces, and is only resorted to as a means of improving certain forests, by planting clumps of the more valuable species here and there. Thinnings and creeper-cuttings have been executed over considerable areas. These operations will, however, at no distant future have to be largely extended.

11. Departmental operations in connection with the extraction of forest produce were insignificant in extent, when compared with the large quantity removed by purchasers. The following table gives an abstract :—

Description of Produce.	Removed by Departmental agency.			Removed by Purchasers.			Total.		
	1st class Reserves.	2nd class Reserves.	Total.	1st class Reserves.	2nd class Reserves.	Total.	1st class Reserves.	2nd class Reserves.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Timber	2,135	811	2,946	3,708	36,731	40,439	5,843	37,542	43,385
Firewood and Charcoal .	251	226	477	14,121	78,519	92,640	14,372	78,745	93,117
Bamboos	220	81	301	9,522	8,448	17,970	9,742	8,529	18,271
Grass	475	...	475	8,766	19,628	28,394	9,241	19,628	28,869
Other minor produce . .	96	414	510	804	7,501	8,305	900	7,915	8,815
Total .	3,177	1,532	4,709	36,921	150,827	187,748*	40,098	152,359	192,457

* Exclusive of produce removed on commutation licenses, and produce the right to collect which was leased.

12. The financial results are satisfactory. The Surplus—R5,66,873—amounts to 52 per cent. of the gross Revenue.

13. His Excellency the Governor General in Council desires to thank you for your interesting Resolution, and for the energy and ability which you have brought to bear on the Forest Administration of the Province, and has much pleasure in endorsing your high opinion of Colonel Doveton's services.

Government of India Central Printing Office.—No. 504 R. & A.—31-12-88.—220.—J. D C.

No. $\frac{6308\ C.}{358}$

Extract from the Proceedings of the Chief Commissioner, Central Provinces, in the General Department, dated Nagpur, the 27th October 1888.

READ the Annual Forest Report for 1887-88, submitted with the Conservator's letter No. $\frac{B.}{151}$, dated the 31st August 1888 (received in print on the 24th September).

RESOLUTION.

The delay in the submission of the Report is due to its not having been written until the Conservator's return from leave and to his illness since his return.

2. The area in acres of the Government forests at the beginning and close of the year is thus returned :—

	On 1st April 1887.	On 31st March 1888.	Difference.
Reserved Forests	127,71,123	128,33,471	+62,348
Unclassed State Forests	2,58,382	2,08,893	—49,489
Total ...	130,29,505	130,42,364	+12,859

The increase in the area of Reserved forests is chiefly due to the transfer of 60,823 acres in the Ahiri forest, Chanda district, from the head "Unclassed" to the head "Reserved". The balance of 1,525 acres is due to the correction of former computations. The decrease in the area of unclassed forests is thus accounted for :—

	Acres.	
Deduct.—	60,823	in Ahiri transferred to the head "Reserved:"
also	3,520	in which proprietary rights were acquired under clearance leases.
Total to be deducted ...	64,343	
Add.—	14,854	being the area under clearance leases resumed.
Net decrease ...	49,489	

3. More than one-half of the area shown as "Unclassed" at the close of the year is situated in the Seoni district (*vide* Form No. 49 A). The District Forest Officer reports that during the working season he was chiefly occupied in the examination of these unclassed forests with a view to their being gazetted as Reserves, and that he has submitted proposals to the Conservator on the subject. These proposals have not yet come before the Chief Commissioner. He understands that in some cases at all events the omission to include these unclassed areas in the Reserves upon the introduction of the Forest Act of 1878 was purely accidental, and it would certainly seem advisable to take steps in all districts to have them declared Reserved Forests, save in cases where they are more suited for cultivation than for permanent reservation as forest, and where they could be settled and assessed at once in the Revenue Department.

4. In accordance with the decision communicated by the Government of India in letter No. 359 F., dated the 4th May 1887, Revenue and Agricultural Department, Deputy Commissioners have assumed control of the forests of all classes in their districts. Under this arrangement the Forest Officer is the Deputy Commissioner's Assistant for forest purposes, and is immediately responsible to the Deputy Commissioner for the proper management of all the forests of the district. The Controlling Staff is not yet sufficiently strong to admit of a Forest Officer being posted to each district, and it has been necessary therefore in some cases to place two districts for forest purposes under a single Forest Officer. It is essential, however, to the proper working of the new system that there should be a Forest Officer in each district. Several districts are in the charge of Sub-Assistant Conservators, who belong strictly speaking to the Executive staff, officers of the Controlling Staff proper not being available. The insufficiency of the superior staff has been *more than once brought to the notice of the Government of India. It is still lamentably weak. While the district arrangements have been remodelled on the lines here indicated, the authority of the Conservator has been strengthened and extended in respect of all details of forest management, which had hitherto been left very largely to the unprofessional control of Deputy Commissioners and Commissioners.

*Vide this Administration's letters No. $\frac{4246}{172}$, dated the 19th August 1887;

No. $\frac{2241}{298}$, dated the 24th April 1888, and

No. $\frac{5219}{258}$, dated the 31st August 1888.

5. On the receipt of the instructions of the Government of India, referred to in the preceding paragraph, the following orders were issued:—

The question of how the different blocks in the district forest estate are to be managed as regards conservancy is a matter for separate and careful consideration. Some blocks would be managed in accordance with the principles of high forestry: these may be called "A" forests; others in a looser fashion, varying, however, in character with the necessities of each case: these may be classed as "B" forests. All the "first class reserves" as they are now called would, as a matter of course, be "A" forests; and blocks will by degrees be transferred from "B" to "A" as may be deemed advisable. The remarks of the Government of India in this connection must be carefully noted. It is said, "the areas which, as first class reserves, "have for years been more strictly conserved should, if only for that reason, not be "abandoned to a less conservative management. His Excellency in Council also "trusts that, since the additional Establishment sanctioned admits of a largely "extended control being exercised, not only will a considerable area of the valuable "forests in the Central Provinces be at once brought under a stricter management, "but that the progress in this direction will be steadily pursued till all the forests "which it is intended to maintain permanently as such are actually worked in the "best interests of the State."

The District Forest officer will submit the annual plan of operations prescribed by Section 62 of the Forest Code, showing how he proposes to work each block in the district during the coming year, through the Deputy Commissioner for orders of the Conservator. Care will have to be taken that any changes in the present style of managing "B" forests are well considered. No summary or unnecessary restrictions of existing user should any where be attempted. At the same time it must be borne in mind that it is impossible to secure permanence of supply without imposing some restrictions. The problem to be solved is the settlement of these in the way least calculated to disturb and harass the village populations. For "A" forests, in time regular "working plans" will be made out; and then the annual plan will be based upon the provisions of such working plans. But at first, and while no working plans are ready, the annual plan must show clearly the extent (if any) to which each "A" forest is available for supply of produce or grazing, and the way in which each forest in the district, whether classed as A or B, is to be worked.

The returns accompanying the Report do not distinguish between A and B forests, and the extent to which stricter conservation has been extended during the year cannot be gathered from them. Certain questions connected with forest classification for working purposes and with the manner of dealing with forest areas which are to be regarded as available for cultivation, are now under the Chief Commissioner's consideration, and arrangements will be made for the

submission in future of a return showing, in a general way, the degree of conservation, cultural or protective, actually applied to each forest block. This will enable the Chief Commissioner to watch the progress made in extending the area under conservation of greater or less strictness.

6. In reviewing last year's Report the Government of India referred to the risk of land being given up to cultivation which ought to be permanently maintained as forest. The Chief Commissioner thinks there is no real danger of this here. The Forest Department would always be consulted before any land is made available for cultivation, and there is no temptation to encroach on good forest lands owing to the abundance of land used as inferior forest which is available for exclusion. The Conservator and the Commissioner of Settlements and Agriculture have been constituted a standing Committee for considering together all projects of excluding culturable land from the State Reserves.

7. From the district forest reports the Chief Commissioner finds that in the Mandla Tahsil of the Mandla district the transfer to Class A of 19 blocks aggregating 1,36,812 acres has been sanctioned, and that in the Ramgarh Tahsil of the same district 3,12,837 acres have been recommended for transfer. In Hoshangabad 11 blocks aggregating about 100 square miles have been similarly selected for transfer. In Jubbulpore 21,000 acres forming the Sonpur block, and 2,539 acres on the Mandla border are likewise ready for transfer. With the strengthening of the Establishments, it is hoped that these and other areas will be brought under stricter conservation during the current year.

8. The increase of the executive and protective establishment sanctioned in letter No. 249-F., dated the 30th March 1887, Revenue and Agricultural Department, is to be worked up to in 5 years (*vide* this Administration's letter No. 4246-172, dated the 19th July 1887, to the Government of India). The appointments of Rangers and Foresters to the permanent establishment are being appropriated, in accordance with the needs of the various districts, as men fitted to hold these posts are found. Special care has to be taken in selecting men for the post of Ranger. The temporary establishment of guards has been reduced and the permanent establishment increased (paragraph 45 of the Report). Considerable progress has been made during and since the close of the year in breaking up the district forests into convenient ranges, in revising forest rates and the arrangements in force in the various districts for collecting the forest revenue, in restricting the commutation system, in affording special protection to a larger number of the more valuable species of timber (paragraph 40 of the Report), and in strengthening establishments, so far as funds admit. The demands on all quarters for increased establishment are much larger than can be satisfied immediately, and all that can be done is to meet, by well-considered distribution, the demands of the greatest comparative importance in the several districts. Large as the increase in the subordinate establishments appears to be, the Chief Commissioner is satisfied that it is by no means adequate to the requirements; and if the Forest Department is to be worked on sound commercial principles a further strengthening of these establishments will very soon be necessary. The special acknowledgments of the Chief Commissioner are due to Colonel Doveton for his advice in the matter of how the sanctioned increase of establishment may best be distributed, his local knowledge and experience enabling him to judge with accuracy where and in what particular direction the need of re-inforcement is greatest.

9. The Conservator's Report (paragraphs 9 to 33) as to the progress made in checking and demarcating the boundaries of the old 2nd Class Reserves is generally satisfactory. In the Bilaspur district demarcation should be vigorously taken up by the Forest Officer during the approaching open season. Orders have been recently passed by the Chief Commissioner on certain proposals of the Conservator regarding the maintenance of a proper register of boundary marks for all forests, and the submission of an annual return showing the state of all the boundaries. The proposals submitted were generally approved, and early effect should be given to them.

10. The Forest Survey Branch began operations in these provinces for the first time during the year under report, parties being employed in the Raipur and Jubbulpore districts. A Topographical Survey Party also was engaged in the Hoshangabad district. The correspondence quoted in paragraph 4 of this Resolution shows that the services of two officers of the superior staff are required for the preparation of working plans and have been applied for. No real progress can, in the Chief Commissioner's opinion, be made in this direction until one officer at least has been made available for special employment on this duty. Application has been made for the employment of a Forest survey party during the approaching open season in the Bhandara district.

11. The report called for in paragraph 5 of letter No. 963 F., dated the 18th October 1887, Revenue and Agricultural Department, regarding the system on which the valuation surveys of the Banjar and other forests were carried out, has been separately submitted (*vide* this Administration's endorsement No. 6308A-307, dated the 27th October 1888).

12. The number of cases of breach of the Forest law reported was 7,237 against 7,312 in the preceding year; 10 cases of injury by fire were reported against 22 in 1886-87. Of the 7,237 cases 6,804 were compounded. The number of "new cases of the year" prosecuted was 277 against 422 in the preceding year. Convictions were obtained in 83·6 of the cases prosecuted, the percentage in the previous year being 79·3.

13. The figures given in paragraph 51 of the Report, though they may not be absolutely accurate, clearly show that a large area has been preserved from fire during the past dry season without special protection and expenditure. The least success was obtained in Bilaspur, Seoni and Mandla. In Circular No. 2 of 1888 the Chief Commissioner drew attention to the fact that the kindling of any fire in such manner as to endanger a reserved forest is an offence under Section 25 of the Forest Act. It was pointed out that there are practically no cases in which during the dry season a forest connected directly or by other forest land with a reserved forest can be fired without endangering the safety of the reserved forest, unless adequate precautions are taken for preventing the spread of the fire; and the co-operation of the Police under Sections 63 and 64 of the Act and of malguzars and kotwars in reporting and preventing damage by fire was invoked. Notices in the vernacular drawing attention to the provisions of the law on this subject have been freely distributed. Several of the district reports refer to the Circular as calculated to do much good. It is common for malguzars to set fire to their grass lands in order to promote a free growth of young grass when the rains come down, and the fire is apt to spread to neighbouring Government forests unless carefully watched. An instance of this is given in the Nagpur report.

14. As the establishment improves in strength and efficiency, it will be possible to make the record of the areas preserved from fire under general protection more accurate. The computation of such areas is not an easy matter. Very good maps and ability to lay down lines on them or to estimate areas on the ground are required for accurate computation.

15. The results of special protection against fire are compared below with those of the previous year:—

		1887.	1888.
		Acres.	Acres.
Area of which protection was attempted...		9,95,651	12,21,656
Area of failure	...	73,659	1,07,388
Area actually protected	...	9,21,992	11,14,268
		Rs.	Rs.
Expenditure	...	19,034	26,914

But for the failure in the Nimar district, where 99,086 acres out of 2,00,070 under protection were burnt over, and the extraordinarily high expenditure per square mile in Chanda, the results were on the whole very satisfactory. The

Conservator has rightly called for explanation regarding the Chanda outlay. The Nimar fires have been the subject of a special report and special orders. The Chief Commissioner was obliged to animadvert severely on the remissness of the Forest Officer in charge of the Nimar forests in connection with this matter. The orders of the Government of India that the area of forests under special protection should be increased by considerable yearly additions have the Conservator's attention (paragraph 52 of the Report).

16. The following table shows the stock which grazed in the Government forests during the past three years. In next year's report the number of sheep grazed should be shown separately from goats, and grazing income separately from grass income:—

	1885-86.	1886-87.	1887-88.
Buffaloes	406,320	359,011	373,653
Cows and bullocks	2,390,788	2,402,932	2,337,123
Sheep and Goats	479,697	494,422	429,534

The receipts from "Grazing and Fodder grass" increased by nearly Rs. 95,000 (paragraph 89). Grazing receipts are not separately shown, but the Chief Commissioner presumes that the larger portion of this increase came from grazing fees. The grazing rates in some districts were higher than in the preceding year, and these rates have now been revised and generally raised in all districts. This general raising of rates is the best method open to the Administration of protecting the Government forests from excessive grazing. At the same time steps have been taken to inform the ryots that they are entitled to free grazing in the village (Malguzari) forests, in places where the malguzars showed a tendency to exclude them.

17. The question of introducing a graduated scale of charges, proportionate to the accessibility and value as a grazing ground of each forest, has not been overlooked. To carry out such a system successfully demands a better organization than the Department in these provinces can at present boast of possessing. But when the Controlling Staff has been adequately strengthened and the forests have been properly divided into Rangers' and Foresters' charges, and each charge is fully manned, and more complete arrangements for the issue of grazing licenses have been made, this question should be again taken up. The principle involved in it has to some extent been acted on already.

18. In reviewing last year's Report the Government of India observed that the progress made in the development of communications had been very small, and requested that this subject and the provision of suitable buildings for the accommodation of controlling and executive officers when at work in the forests might receive attention. These matters are referred to in paragraphs 71 and 72 of the Report, but have hardly received adequate treatment. The re-organization of the establishments, demarcation, the revision of rates and of the system under which the revenue is collected, have been questions of the most pressing importance, and these have fully absorbed all the energies of the Department. The Conservator has indeed had more work than one man could properly cope with. At the same time it may be noticed that in the Schemes of Road Construction which the Chief Commissioner has had prepared for every district in the province, the requirements of the forests have not been overlooked.

19. The quantity in tons of produce of all kinds cut or collected departmentally is returned at 4,709 against 4,177 in the preceding year. The chief departmental operations consisted in the supply of sleepers to the Nagpur-Bengal and Wardha Valley Coal Railways from the Mandla, Balaghat, Chanda and Raipur forests, the supply of pit-props from the Chanda forests to the Warora Colliery, and the collection of harra in the Mandla and Balaghat districts.

20. The felling of timber in Malguzari and Zamindari forests has continued throughout the year in tracts near the Railway, though constant efforts have been made to check it, and action has repeatedly been taken under Section 123 of the Land Revenue Act. It is now clear that the provisions of the existing law are not sufficient to prevent a malguzar from depriving the village community of the source of its ordinary supply of fuel and small timber, by cutting down and selling the village jungle. The Chief Commissioner has, in the proposals for amending the Land Revenue and Tenancy Acts which he is submitting to the Government of India, made provision to meet and regulate this abuse of the rights of proprietorship granted to the malguzars over the village waste. It was never intended that these rights should be exercised in such a way as to render nugatory the interests reserved to the members of the village community by the Wajib-ul-arz.

21. The financial results of the year are compared below with those of the preceding year :—

	1886-87.	1887-88.
	Rs.	Rs.
Receipts	9,57,410	10,93,369
Charges	4,99,292	5,26,496
Surplus ...	4,58,118	5,66,873

Gross receipts increased by Rs. 1,35,959 and net receipts by Rs. 1,08,755. Of the increase in gross receipts Rs. 57,794 resulted from departmental operations, and Rs. 78,165 from the removal of produce by purchasers and from grazing. On the receipt side, Head II, the most striking items are an increase of Rs. 94,996 on account of grazing and fodder grass, and a decrease of Rs. 16,277 under the sub-head "Other minor produce." The latter is only partially explained in paragraphs 111 to 115 of the Report. The income from grazing and grass rose in fourteen districts and fell in four. The large decrease under this head in Saugor is not explained. The districts in which the surplus income has decreased (paragraph 124 of the Report) are Jubbulpore, Saugor, Damoh, Mandla, Seoni, and the three districts of the Chhattisgarh Division. The special attention of the Conservator should be directed to the working arrangements in these districts.

22. The proposals of the Conservator with respect to the strengthening of Office Establishments (paragraph 134) are awaited. This is an urgent question. Several of the district reports contain complaints of the weakness of the office establishments.

23. The Chief Commissioner has much pleasure in acknowledging the services of the officers whose names have been specially mentioned in Chapter VI of the Report. His cordial thanks are also due to Colonel Doveton for the

untiring zeal with which he has laboured in spite of illness. A great amount of useful work has been done during the year, and considerable progress has been made in re-organizing the administration of the department; but the district arrangements will never be put on a satisfactory footing, and business will not be promptly and efficiently disposed of, until the Conservator is relieved of some of the burden of office work under which he is at present crushed. Colonel Doveton's health is breaking down under the strain, and there cannot be a doubt that the appointment of a second Conservator, as well as of a special officer or officers for working plans is urgently called for, and would well repay the cost.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Conservator of Forests for information and guidance; also that copies, bound with the Report, be distributed as usual.

(True Extract.)

F. C. ANDERSON,
Offg. Secretary.

No. $\frac{B.}{151}$

FROM

LIEUT.-COLONEL J. C. DOVETON,

CONSERVATOR OF FORESTS,

Central Provinces,

To

THE SECRETARY TO THE CHIEF COMMISSIONER,

Central Provinces.

Dated Nagpur, the 31st August 1888.

SIR,

In forwarding the accompanying report on Forest administration of the past year, I have to express my regret for the extraordinary delay in submission.

The delay is due partly to my having been absent on leave until near the end of June, partly to illness since my return, and partly to the fact already known to the Chief Commissioner, that the ordinary work that devolves on me is more than one man can reasonably be expected to perform without more assistance than is at present at my disposal.

I have the honour to be,

Sir,

Your most obedient Servant,

J. C. DOVETON,

Conservator of Forests,
Central Provinces.

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PROGRESS REPORT
OF
FOREST ADMINISTRATION
IN THE
CENTRAL PROVINCES
FOR THE YEAR 1887-88.

By Lieut.-Colonel J. C. DOVETON, M. S. C.,

Conservator of Forests, C. P.

CHAPTER I.

Area and Boundaries.

Area.

1. The area of the Government forests as it stood respectively at the commencement and at the close of the year 1887-88 is given in the following abstract from forms 49 and 49 A :—

Forest.	On 1st April 1887	Added during the year.	Excluded during the year.	On 31st March 1888.
	Acres.	Acres.	Acres.	Acres.
Reserved Forests ...	127,71,123	2,63,000	2,00,652	128,33,471
Unclassed State Forests ...	2,58,382	14,854	64,343	2,08,893
Total ...	130,29,505	2,77,854	2,64,995	130,42,364

2. Of the increase and decrease exhibited by the foregoing statement 2,00,652 acres or 313 square miles simply represent transfers resulting from modifications in the limits of control charges. There is an increase of 1,525 acres in the area of Reserved forests resulting from the correction of former computations, while 60,823 acres in Ahiri, in the Chanda district, exhibited in the returns of the previous year as "unclassed forests," have been added to the Reserved forests by the Chief Commissioner's Notifications Nos. 3052 and 4308 of the 20th June and 24th August 1887.

3. The area of the unclassed forests was reduced by the 60,823 acres above referred to and 3,520 acres in which proprietary rights were acquired, while it was increased by 14,854 acres representing the area of clearance leases resumed.

4. The area that it has been decided to give up to cultivation in Hoshangabad has not yet been dis-afforested, but those portions to be retained have been demarcated and their boundaries are now being surveyed.

5. As the administrative distinction between the 1st and 2nd class reserves, formerly so called, has been abolished and the whole of these forests are under the same provisions of the same law, they are included in one return, form 49, instead of in two separate returns as formerly.

6. In an appendix to the review of the report for the previous year it is remarked by the Government of India that in the return of forest areas all consideration of the range as an administrative unit was ignored. In the return for the current year ranges have, as far as practicable, been entered and I would explain that it is not yet possible to return the whole of the forests of the Pro-

vinces by ranges, because the staff available is not yet sufficient for complete sub-division and in a number of cases subordinates who, were the strength of the establishment sufficient, would be confined to the charge of individual ranges have had to be put on special work and to supervise arrangements necessary for the realization of the revenue. The Chief Commissioner is, however, aware that the importance of a proper sub-division of the entire forest area into ranges is fully appreciated, is being aimed at and will be carried out as soon as practicable. The fact must not, however, be overlooked that we have yet four years before the establishment of Executive Officers as now sanctioned will be complete.

7. During the year under report the Conservator personally examined nearly the whole of the Government forest area in Bilaspur, with the exception of the northern portion of the mountainous tract in the extreme north-west, and a report with proposals for the better management of the forests of this district was duly submitted. One of the conclusions set forth in this report is that for various reasons it will be necessary to retain as forest the entire area now at the disposal of Government in this district.

8. The expediency for administrative purposes of classifying the Reserved forests according to the intensity of the conservation to which they are subjected is now under consideration, but it will probably be found expedient to make this a matter separate and distinct from the ordinary return of Reserved forest areas.

Boundaries.

9. The settlement of boundary disputes and demarcation, or more generally the improvement of the demarcation, of the old 2nd class reserves has been one of the chief undertakings of the year under report, much yet remains to be accomplished, but considerable progress has been made in this work which is, especially in Mandla and Chanda where the forest area is very extensive, a very large undertaking absorbing a vast amount of the Superior Officers' time and attention.

The first object has been to get all the boundaries settled and defined on the ground and hence data which would convey an accurate idea of the amount of work done have not in all cases been collected.

Nagpur.

10. In this district two boundary disputes remained for settlement at the close of the year, elsewhere the demarcation is reported as finished. The disputes have since been settled and the demarcation is now complete.

Wardha.

11. As stated in paragraph 17 of the report for the previous year the disputes pending at the close of the year were disposed of in the early part of the year under report. The boundaries and boundary marks are now reported to be in good order.

Bhandara.

12. In this district the demarcation was completed during the year under report. No special boundary marks have been erected, for there are the settlement marks along the boundary, but well cleared lines have been cut all round the forests and these are a very complete means of demarcation. It is now only proposed to set up stout posts at prominent angles which will be duly numbered so as to facilitate identification of any particular points on the boundary with the maps to be prepared.

Chanda.

13. The District Forest Officer has submitted a map showing the demarcation work done, from which it appears that $\frac{2}{5}$ of the work has now been completed. During the year under report much better progress has been made and it is now hoped that the end of the dry season 1889 will see the whole of the demarcation completed.

Balaghat.

14. In this district the work that remained to be done below the ghats at the close of 1886-87 was not quite completed at the close of the year under report. Above the ghats the work has not yet been taken in hand, as the examination of the Government

lands here, with a view to determining what lands can be given up to cultivation, was only commenced towards the close of the year.

Jubbulpore.

15. In this district with the approach of the survey some disputes have arisen and the settlement of these is proceeding in advance of the survey now in progress. Here the demarcation should be accomplished before the close of the current year.

Saugor.

16. From the District Forest Report it is understood that it is in connection with the limits of 13 villages only that the boundaries of the Government forests are now disputed. During the year several disputes were settled and for the accommodation of villages on the border of the forests several slight modifications in the boundaries were made.

It appears, however, that under the orders of the Deputy Commissioner or Forest Officer the boundary of the old established reserve of Tigora has, without the Conservator's approval, been so modified as to exclude a considerable portion of this small area. This matter is under enquiry and will be separately reported on.

Mandla.

17. The checking of boundaries is here progressing on the lines prescribed by the Chief Commissioner in the Secretary's letter No. 4779-192 of 17th September 1887, since which time up to the close of the year 121 miles of boundary were checked and demarcated. This work was being carried on by Mr. McLeod, probationary Sub-Assistant Conservator, but now that this officer has been sent to the Forest School, other proposals will have to be submitted for the Chief Commissioner's consideration. The District Forest Officer reports that in the case of three villages only was the demarcation found so inaccurate that it could not be accepted, but has omitted to report how many village boundaries were actually examined and tested.

The whole of the existing boundaries in Ramgarh and Mandla are reported to have been cleared by the Forest Establishment in order that the settlement operations might progress, and this has absorbed much of the time of the limited establishment too urgently required for other purposes.

Seoni.

18. The boundary disputes referred to in the report for 1886-87 as existing in the Lakhnadon Tahsil were not disposed of during the year under report, but the District Forest Officer states that they will be disposed of in the current year.

The cause of delay is not explained, but is presumably due to the District Forest Officer having to devote so much time to the examination of cultivated areas in the forests. All the boundary lines have been re-cleared.

Damoh.

19. In the District Forest Report no mention is made of the forest boundaries or their condition.

Hoshangabad.

20. In this district the checking of forest boundaries was vigorously pushed on and completed. All boundary lines have been cleared and the erection of forest boundary marks is in progress and should be completed early in the next season.

Betul.

21. In this district 217 miles of boundary were settled and finally demarcated during 1887-88, leaving 306 miles to be disposed of. Here progress has been slow but from the Deputy Commissioner's remarks it is gathered that delay has resulted from the non-attendance at the time appointed of interested parties whose presence is desirable before laying down a boundary not already defined or taking action in case of dispute.

Narsinghpur.

22. The District Forest Officer, Hoshangabad, who was entrusted with the demarcation in Narsinghpur, was too fully engaged in his own district to admit of his disposing of a few disputes

that remained for disposal at the close of June 1887, by which time the rest of the work in connection with the checking of boundaries and demarcation had been completed.

Chhindwara.

23. In Chhindwara good progress appears to have been made and it is expected from the Forest Officer's report on the subject that the whole of the demarcation will ere this have been completed.

Nimar.

24. In this district no demarcation work was done during the year under report The most important forests have long since been defined and the demarcation of the rest will have to proceed with the settlement operations.

Raipur

25. Regarding the precise nature of the work accomplished in Raipur the District Forest Officer now explains that up to 30th June 1887, lines had been cleared between the Government forests and the 553 village areas contiguous with them, and that of these 553 lengths of boundary line 473 where checked and, where necessary, corrected by 31st March 1888, leaving on that date 80 lengths to be checked and where necessary corrected. The erection of boundary marks was in progress at the close of the year and has, it is expected, ere this been completed.

There now remain 200 miles of boundary between the Government forests and the Zamindaris and Feudatory States to be permanently demarcated and this, it is hoped, will soon be accomplished.

Sambalpur.

26. From Sambalpur it is reported that the forest boundaries are defined by narrow lines but that these require widening, and it is said that the boundary marks require renewal. This matter will receive attention during the current year.

Bilaspur.

27. The Deputy Commissioner reports that with the exception of the southern limits of the Lormi forests, the Government forests of his district have not been demarcated, but that the boundaries are believed not to be disputed except where the Korba Zamindari touches on the Bit-Kuli-Pantora range. It is not clear what is to be understood by the foregoing statement, but the Conservator's own observations point to the conclusion that though improved demarcation is necessary, it will generally be found that boundary marks of some kind exist on the ground.

28. From the statements made in the preceding paragraphs, it will be observed that except in Mandla, Chanda, Bilaspur and the less valuable forests in Nimar, demarcation is now approaching completion. In Bilaspur what has to be done will not be heavy work as the greater portion of the forests is in two large compact blocks.

29. The following is an abstract of the work done with its cost in those districts in which it has actually been measured up:—

District.	Total length of boundary surveyed.		Total length of boundary demarcated.		Total.		
	Miles.	Chains.	Miles.	Chains.	Rs.	a.	p.
Nagpur ...	168	2	605	...	2,037	0	10
Bhandara ...	...	...	660	...	677	0	0
Chanda ...	266	28	485	61	7,154	14	2
Mandla ...	224	23	345	58	1,392	5	3
Chhindwara ...	508	26	419	17	415	6	9
Betul ...	41	...	217	...	403	9	6
Balaghat ..	101	...	166	...	447	8	2
Total ..	1,308	79	2,898	56	11,527	12	8

30. It will be found that there is a difference between the figures in the above statement for Mandla and those given in paragraph 17. The difference represents work done prior to the receipt of the Chief Commissioner's last orders.

31. It is not yet possible to prepare a tabular statement showing the state of the boundaries and boundary marks in the very large areas formerly known as 2nd Class Reserves, in which the first object has been to have the demarcation on the ground complete and ready for survey, but in this matter a commencement will now be made in the districts in which this work has been completed.

32. Appendix A shows the state of demarcation in the old 1st Class Reserves and the cost of maintaining it. In preparing for the survey now in hand, however, modifications in the boundary marks are being made and the next return will show some modifications in the number of marks, as a certain number are likely to be discarded as unnecessary and not worth retaining on the list of registered marks.

33 The total expenditure on account of demarcation and the maintenance of boundaries has been Rs. 15,249 and from the figures now available it may be roughly estimated that when the demarcation of the entire area has been completed the cost of maintenance will be between thirteen or fourteen thousand rupees per annum, though at first it may be a little higher.

CHAPTER II.

Surveys, Working plans and Annual plans of Operations

Surveys

34. During the year under report the Forest Survey branch broke ground in the forests in the south-east of Raipur, and also in the forests in the Jubbulpore district. The work done by this branch of the Department will be duly reported on by the Superintendent of Forest Surveys, but it may here be noted that in the Dhamtari-Sihawa forests the triangulation of about 350 square miles has been completed and the detailed survey of the forests will be commenced early next season.

In the Jubbulpore district the detailed survey of several blocks has been completed.

35. No. 14 Topographical Survey party broke ground in the early part of the past season in the south-west of Hoshangabad and it is believed that the triangulation in Rajaborari and Kalibhit was almost completed by the close of the year.

Working plans.

36. In the matter of preparing working plans nothing has yet been done, nor is it likely that much will be accomplished till the further assistance that has been asked for is granted.

Annual plans of operations.

37. Annual plans of operations are prepared for Districts to which Forest Officers have been attached, but from a sylvicultural point of view they are unsatisfactory inasmuch as to render them complete entails the repetition of an undue amount of detail. What is wanted at present is the preparation of preliminary plans and these being prepared, the preparation of the Annual plans, regulated by the requirements and the prospects of disposals in each year, will be a comparatively simple matter.

38. Without working plans it is necessary in many cases to be more conservative than would otherwise be desirable and it is not improbable that, though all and any restrictions tend to keep down the revenue, the preparation of such plans will in some cases lead to an increase in the receipts.

39. Annual plans of operations are required of District Forest Officers and n some cases the orders on this subject have been fairly complied with, but

they are not yet as complete as they should be, and in many cases have been incorrectly treated as part of the Budget note instead of as separate proposals on which the Budget estimate and note are based. This matter is being pressed and now that a stronger office establishment allows the Conservator a little more time for direction, it is hoped soon to have these plans of operations very completely drawn up and submitted.

40. It is a recognized fact that over the large area with which we have to deal it is not possible absolutely to control the cutting of all produce for which licenses have to be issued to meet the requirements of the people, and bearing this fact in mind, in the larger areas in which the cutting of all produce cannot yet be controlled by the marking of the trees for felling, the trees that may thus be cut without being previously marked have been limited in such a way as not to endanger the regeneration of the more valuable species. The number of species thus specially protected has been largely increased in the forests of Chanda, Bhandara, Nagpur, Chhindwara, Hoshangabad, Narsinghpur, Raipur and Bilaspur, and similar protective measures in Betul, Wardha, and the Districts of the Jubbulpore Division are now under consideration.

Elementary as are such restrictions they are of immense value in preserving as far as possible conditions favourable to the framing of working plans; and here it may confidently be added that under such restrictions alone in a very large portion of the forest area the value of the forests would steadily increase.

41. In the Hirideh block (1,200 acres) in Raipur the 1st and 2nd class *sal* trees were enumerated giving the following results :—

		Forked.	Single.
First class of six feet and upwards	...	749	323
Second class of 4' 6" and upwards	...	388	117

42. An enumeration of the standing timber in the South Pheyn forests which was commenced in the previous year was continued, but was not completed before the close of the year, five out of eighteen compartments remaining for enumeration.

The results obtained since completion of the work are as follows :—

Number of trees.

		Sound.	Unsound.
First class 6 feet and upwards	...	24,863	891
Second class 4' 6" and upwards	...	75,877	1,158

Before these figures can be utilized, a descriptive account of the different compartments has to be prepared. The trees of the 3rd and 4th classes were enumerated only in part of the forest, but the proportion of trees in these classes was found to be so great as to render the actual number unimportant for present purposes.

CHAPTER III.

Protection and Improvement.

Establishments.

43. There was no change in the sanctioned scale of Controlling Officers. Mr. Thompson, Deputy Conservator of Forests, was transferred from these Provinces to Ceylon in June 1887 but returned in October. Towards the end of the year Mr. M. S. Fowler, Assistant Conservator of Forests, was transferred on promotion to the Andamans, and in his place Mr. Lowrie, Assistant Conservator of Forests, was transferred to the Central Provinces. Towards the close of the year the Conservator also proceeded on short leave and was relieved by Mr. Dansey, Deputy Conservator of Forests, who officiated as Conservator till his return.

44. In 1887 the sanction of the Government of India was received to a considerable increase in the strength of the permanent executive and protective establishments, the details of which are as follows :—

	Former Scale.		New Scale.	
	No	Cost.	No.	Cost.
Sub-Assistant Conservators ...	4	750	8	1,500
Forest Rangers ..	22	1,490	44	3,190
Foresters ..	41	920	177	4,955
Forest Guards ...	158	1,292	1,299	9,805
Apprentices ...	3	120	...	...
Hospital Assistant ...	1	30	1	30
Total ...	229	4,602	1,529	19,480

It was however decided that the new scale should only gradually be worked up and not fully till 1891-92. During 1887-88 the following appointments were accordingly appropriated :—

		No.		Rs.
Sub-Assistant Conservators	...	8	Monthly cost	1,500
Forest Rangers	...	26	"	1,920
Foresters	...	123	"	2,985
Forest Guards	...	1,158	"	8,710
Hospital Assistant	...	1	"	30
				15,145

45. In accordance with orders the temporary establishment was at the same time reduced by 3 Forest Rangers, 57 Foresters and 1,000 Forest Guards. The actual increase in the executive and protective establishment was therefore 4 Sub-Assistant Conservators, 1 Forest Ranger and 25 Foresters. The Sub-Assistant Conservators, though classed as executive establishment, are intended for control duties. Of the 4 Sub-Assistant Conservators appointed, one was and has remained at the forest school, one was taken from the class of Forest Ranger, and two were quite new to forest work. The 25 additional Foresters also were new men who had to be put in training. The actual increment in the strength of the executive and protective establishments in the past year was therefore vastly below the small increase in the numerical strength.

The expenditure, however, has been increased to a greater extent by promotions granted under the new scale as rewards for good service already rendered, such promotions will bear fruit in due season, but could not be expected directly to result in a larger outturn of work.

46. Special attention is drawn to the foregoing facts in connection with the remarks of the Government of India in paragraph 3 of the review of the Forest Report for 1886-87, in which it was assumed that the whole of the additional allotment on account of permanent executive and protective establishment had been applied at once, and consequently there should be a very considerable extension of fire protection and other works of improvement. The actual increase in the area under fire protection alone has been greater in proportion than the increase in the executive and protective establishment that has yet taken place.

General protection and Breaches of the Forest law.

Offences by members of the Subordinate Establishment.

47. In Appendix B is given the number of cases in which punishments of different kinds had to be awarded to members of the subordinate establishment. It will be observed that with the exception of two Darogahs, all the offenders were of the protective class and the percentage of punishments to the strength of the establishment was somewhat lower than in the previous year. Of the cases in which prosecution was necessary, nine were of criminal breach of trust as public servants or offences of the similar character, one for lighting fire in

a reserved forest, and four of other criminal offences disconnected with duties of the individuals as forest officials, but nevertheless disqualifying for future service in the Department.

Breaches of Forest law.

48. From Statement 50 A it will be observed that the total number of cases of breach of forest law reported during the year was 7,237 against 7,312 in the previous year, and the number of cases still under enquiry at the close of the year was 1,049 against 764 in the previous year. Of the cases reported, 423 were found to be unsupported by sufficient evidence or too trivial to notice, in 48 cases the offenders were undetected, 6,804 cases were compounded, and 281 cases were taken into Court.

49. The cases in which prosecution was resorted to, the convictions obtained, and the cases in which the accused were acquitted are recorded in Form 50.

The number of prosecutions was much smaller than in the previous year, but the percentage of convictions was higher as shown by the following figures:—

		Cases.	Persons.
1886-87	...	79·3	76·4
1887-88	...	83·6	79·4

Forest fires.

General protection from fire.

50. In the report for 1886-87 it was recorded that the dry season of 1886-87 had been unfavourable for the protection of forests from fire. The past season has if anything been worse, fires occurring in some places till late in June In Raipur the Forest Officer reports the conflagrations to have been exceedingly bad, but here they are attributed to the rise in the price of food-grain, consequent on the construction of the Railway, causing an unusually large number of the poorer classes to resort to the forests during the hot months for the collection of mohwa and other forest products.

51. Returns of areas that escaped fire without special arrangements beyond watch and ward by the ordinary establishment, have been received for all Districts for the dry season of 1887-88.

The following is an abstract of these returns:—

District.	Total area of Government forests.	Deduct area under special fire protection.	Balance.	Area burnt.	Area which escaped being burnt.
	Acres.	Acres.	Acres.	Acres.	Acres.
Nagpur ...	249,752	...	249,752	12,144	237,608
Bhandara ...	353,047	87,332	265,715	153,118	112,597
Wardha ...	128,034	32,672	95,362	4,494	90,868
Chanda ...	2,216,609	130,792	2,085,817	66,841	2,018,976
Balaghat ...	676,697	4,977	671,720	308,296	363,424
Jubbulpore ...	243,842	33,260	210,582	39,335	171,247
Saugor ...	516,583	46,465	470,118	8,160	461,958
Damoh ...	549,228	...	549,228	18,404	530,824
Mandla ...	1,903,652	127,167	1,776,485	1,424,033	352,452
Seoni ...	777,057	192,290	584,767	486,283	98,484
Betul ...	729,014	54,720	674,294	192,079	482,215
Chhindwara ...	416,318	...	416,318	167,671	248,647
Hoshangabad ...	1,222,830	303,680	919,150	48,026	871,124
Narsinghpur ...	124,830	...	124,830	25,875	98,955
Nimar ...	1,155,340	200,070	955,270	295,965	659,305
Raipur ...	886,951	8,231	878 720	317,752	560,968
Sambalpur ...	457,600	...	457,600	265,600	192,000
Bilaspur ...	434,980	...	434,980	410,680	24,300
Total ...	13,042,364	1,221,656	11,820,708	4,244,756	7,575,952
Deduct B Class forests of Chanda for which no information is received.			1,859,804	...	1,859,804
Actual Total ...			9,960,904	4,244,756	5,716,148

From the foregoing statement it will be observed that of 99,60,904 acres of Government forest not under special protection, 57,16,148 acres are reported to have escaped fire during the dry season of 1887-88. How far these figures are to be relied upon is at present uncertain. The fact has to be recognized that the agency on which District Forest Officers have to rely to report on such matters is yet far too weak, and that District Forest Officers themselves, within the short time available for the purpose, cannot fully test the accuracy of the reports on the subject by personal observation. It is clear, however, that a considerable area of forest now escapes fire without special protection and expenditure, and when it is remembered that formerly it was the custom of the country that every acre of forest should be burnt as soon after the "Holi festival" as possible, it is no small thing to be able to record that so much has been accomplished.

With the strengthening of the Upper Subordinate establishment, better results will doubtless be secured; and if the provisions of the Chief Commissioner's General Circular No. 2 of 1888 are carefully kept in view, and acted on, there is reason to hope that fore t fires will gradually but steadily become less common.

Special protection from fire.

52. It was suggested by the Inspector-General of Forests that special fire protection should now extend at the rate of 1,000 square miles per annum. The suggestion is fully justified by results in those areas which have been under protection for some years, and it would be very desirable to give full effect to it if this were practicable. In the present, however, the establishment is not strong enough for so gigantic an undertaking; moreover, the fact must not be overlooked that line clearing and burning for fire protection absorbs a considerable amount of labour of a class not over abundant, and which must be available on the spot, imported labour being too costly and too inefficient. A commencement has however been made, and during the year under report 2,26,005 acres have been added to the areas under special protection, this area comprises the following blocks:—

		Acres.
Chanda—Three blocks of the Ahiri forests aggregating	... ...	52,213
Lohara hill	... ...	1,831
Wardha—Malaigaon block	... ...	6,590
Balaghat—The Amodhi block bordering the Pandratola reserve	... ...	160
Bhandara—The Dudhari Forest	...	10,044
The Gaikhuri Forest	...	77,288
Saugor—Part of the Hathku reserve	...	8,894
Part of the Rangir reserve	...	9,049
Part of the Ranipura reserve	...	5,389
Mandla—A strip of forest along the Gangar nala, included now in the Banjur reserve.		467
Seoni—Oomurgarh forest in the Kurai range		10,080
Rukhur in the Kurai range	...	2,240
The northern portion of the east Pench range	... ...	39,200
Raipur—The Rajoli Teak forest	...	2,560
Total	...	2,26,005

The further extension during the coming season of the area under protection is now under consideration.

Of the additions above specified, the Lohara hill in Chanda, which has cost nearly Rs. 100 per square mile, was taken in hand by the District Forest Officer without the previous sanction of the Conservator. Explanation of his action in this matter has been called for, but has not yet been received.

53. On reference to Form No. 51 it will be observed that the area under special protection was 12,21,656 acres, and that of this area 1,07,388 acres were burnt. Of the area burnt, 99,086 acres were in the Nimar district. Regarding the fires in this district a special report was submitted, and the Chief Commissioner's orders have been passed thereon. The failures in this district were practically confined to the Punassa and Chandgurh reserves. They were assumed to be in some way connected with the grazing of cattle which is only allowed in portions of Punassa, and is practically confined to limited areas in Chandgurh, in the greater portion of which forest owing to the absence of water cattle cannot be kept in the hot months, but the fact was overlooked that the occurrence of fire was not confined to the areas to which cattle were admitted, but extended to all the blocks from which they were excluded, in which the area actually burnt was proportionately much greater than elsewhere.

54. If the results in the Nimar Division be left out of account, it will be found that the failures have been below 1 per cent, while of the 8,302 acres burnt, 2,173 only were in forests that were under protection prior to 1886, and therefore in the areas that have been under protection for more than two seasons, the failures have been below ·3 per cent.

55. The total cost of fire protection during the dry season of 1887-88 has been Rs. 26,914, against an actual protected area of 11,14,268 acres or 1,741 square miles. The cost per square mile has therefore been a trifle over Rs. 15-7-0. The cost of fire protection varies with conditions prevailing in different localities and, as will be seen from the following statement, is much higher in some districts than in others:—

District.	Dry season of 1888.											
	Area attempted to be protected.		Failures.		Actually protected.		Cost during the season.			Average cost per square mile actually protected.		
	Acres.		Acres.		Acres.		Rs.	a.	p.	Rs.	a.	p.
Chanda ...	130,792		2,085		128,707		10,856	14	7	53	15	9
Bhandara ...	87,332		4,270		83,062		248	14	10	3	7	8
Wardha ...	32,672		...		32,672		680	3	9	13	5	2
Balaghat ...	4,977		20		4,957		88	15	2	11	8	2
Jubbulpore ..	33,260		...		33,260		952	15	9	18	5	4
Saugor ...	46,465		43		46,422		469	8	7	7	8	2
Mandla ...	127,167		1,747		125,420		2,550	2	11	13	0	2
Seoni ...	192,290		..		192,290		2,574	14	4	8	9	1
Betul ...	54,720		...		54,720		1,357	9	0	15	14	0
Hoshangabad ...	303,680		25		303,655		4,138	4	1	8	11	6
Nimar ...	200,070		99,086		100,984		2,749	0	3	17	6	8
Raipur ...	8,231		112		8,119		246	13	1	19	7	2
Total ...	1,221,656		107,388		11,14,268		26,914	4	4	15	7	4

The variations in the rates as exhibited in the foregoing statement call for no special remark, except that the setting in of the rains being later in several localities, it was necessary to keep on the fire guards to a later date than usual, and that for the Chanda district the rate is abnormally high, and the District Forest Officer has been called on for such explanation as he is able to offer regarding it.

56. In accordance with the wishes of the Government of India expressed in paragraph 8 of the review on the Forest Report for 1885-86, the protection of forests from fire by allowing cattle to graze down surrounding belts has been again tried, but the results as reported are hardly as yet satisfactory, nor

is it likely that such a method will prove advantageous, for it cannot afford the same safety from fire from without as regular burnt lines and grazing only renders clear burning more difficult; moreover, it is more than difficult sufficiently to control the grazing of cattle for this purpose. The experiment was tried many years ago in these provinces, and finally abandoned as impracticable.

Grazing and fencing.

57. There has been no material extension of the area closed to grazing owing to the necessity of such closed areas not being in too large continuous blocks, to the necessity of protection from fire (the extension of which has now under the sanction of Government recommenced) preceding or accompanying the exclusion of cattle, and lastly—to the inexpediency of stopping grazing where it is too light to do much harm unless regular cuttings or special works of improvement are in progress, and here it must be remembered that there is a very considerable area in which the grazing is extremely light, and of this I was able to give the Inspector-General of Forests many illustrations during his two last tours in the provinces.

58. The areas closed to grazing, were as follows:—

				Square Miles.
Hoshangabad, 5 blocks aggregating			...	106
Betul, 2 blocks	"	...	...	114½
Jubbulpore, 3 blocks	"	...	...	47½
Seoni, 3 blocks	"	...	...	191
Mandla, 6 blocks	"	...	...	136
Balaghat, (Pandratola)	"	...	...	7½
Bhandara, 2 blocks	"	...	...	18
Nimar, 5 blocks	"	...	...	68
Raipur, 2 blocks	"	...	...	9
Chanda, 4 blocks	"	...	...	200½
Wardha, 3 blocks	"	...	...	23½
Saugor, 16 blocks	"	...	...	42¾
		Total	..	964¼

The extent to which the forests were utilized for grazing purposes is shown by the following statement, in which the numbers of animals of the three chief kinds are given separately for the past three years:—

		1885-86.	1886-87.	1887-88.
Buffaloes	...	406,320	359,011	373,653
Cows and bullocks	...	2,390,788	2,402,932	2,337,123
Sheep and goats	...	479,697	494,422	429,534

The details of the figures for the past year are given in Appendix C.

The number of sheep and goats have not been separately shown, because though separate figures are now available for most districts, they have not yet been secured for all districts.

59. The foregoing figures show a decrease in the number of browsing animals that frequented the forests. The number of buffaloes grazed has again risen to the number returned for 1884-85 and to nearly 20,000 more than were returned for 1883-84, though still short of the figures for 1886-87 by 33,000. The figures representing the number of cows and bullocks grazed, show but a slight fluctuation during the past four years, though it is tolerably certain that a number of animals that grazed formerly in the Government forests have been taken to other grazing grounds in Berar and elsewhere, the decrease thus resulting being probably counterbalanced by the normal increase in the stock of the provinces.

60. It should here be recorded that the Deputy Commissioner, Balaghat, explains the fall of Rs. 24,197 in the number of cows and bullocks grazed to the figures of the previous year including plough cattle, for which no charge was made, this explanation does not however appear sound, and further enquiry is being made.

Natural reproduction.

61. On this subject there is little specially worth recording that has not already been set forth in the reports for previous years. Favourable reports continue to be received in respect of almost all forests under strict protection, and already recorded facts point clearly to the good results that may be calculated on with certainty under this head.

62. Regarding the Kalibhit reserve which has not been reported on under this head for some years, the District Forest Officer states that in parts of the area protected from fire, the development of young teak is most striking, and it appears evident that much of this has sprung into existence since the commencement of fire protection.

63. In the review of the previous year's report by the Government of India, it was suggested that it might be explained why teak and tinus grew better under Salai, Moyin and Aoula than under other species. The remarks to which this suggestion had reference were not intended to convey the idea that this was the case, though to a certain extent it may be so, for these species while they admit sufficient light, tend to some extent to prevent the development of a dense growth of grass. Having regard, however, to the covering and improvement of the soil, and the consequent effect on the after-growth, the existence of many other species is more advantageous. As a nurse for teak as well as other trees, Ber (zizyphus jujuba) is good, and so is "nyctanthes arbor-tristis," and in some cases "woodfordia floribunda," of the utility of the latter there is an excellent instance in parts of Hathibari where beneath a dense growth of this species a young crop of tree vegetation, including teak, is to be found wherever seed-bearers exist.

Artificial reproduction.

64. In the Khamapur reserve, 16 acres consisting of old deserted fields were sown with teak, the land being previously pitted for the purpose. Of the 5,515 mangoe trees planted along the boundary, 875 which died during the previous year, were replaced by new plants. During the year 725 died, leaving 4,790 at the close of the year, ranging in age from 1 to 4 years, and averaging in height according to age 1 foot, 2 feet-6 inches, 3 feet, and 4 feet.

65. In Bowergarh, besides some minor operations for improving the composition of the forest, 2,056 pits on the boundary, prepared in the previous year, were planted with mangoe trees, and 2,000 more were prepared for planting in the current year, 927 trees chiefly of the last year's planting died from frost. The remaining trees range from 1 to 4 years old and average in height 1 foot, 1 foot-6 inches, 4 feet and 6 feet according to age.

66. With a view to improving the composition of the forest 7,000 pits were dug and sown with teak. A number of the pits sown in the previous year in which the seed seemed to have failed were also resown, though it is questionable whether this was necessary for results sometimes cannot be observed for two or three years.

67. In Wardha, Bhandara, Balaghat and Damoh there were also some plantings and sowings, but on too small a scale to call for further reference in this place.

Early thinnings, removal of inferior species and cutting of creepers, &c.

Improvement cuttings

68. In Hoshangabad the cutting back of badly grown trees of the better kinds was carried out over an area of 90 acres in Rajaborari and in Seoni extended to 300 acres in the Ryarao compartment of the Korai range. In the Lower-gour reserve in Jubbulpore on 30 acres all unpromising trees were cut back. In Wardha a commencement was made in cutting back the badly grown trees in the Malegaon block and 35 acres were thus operated on in bands 50 feet wide at intervals of 150 feet.

These operations were not extended because in the fire protected areas most of the badly grown trees that it will pay to cut, have already been cut back and it is expedient that fire protection should precede such operations.

Eradication of creepers.

69. In the Seoni district 2,500 acres in the Korai range, 1,000 acres in the East-Pench range, and 80 acres in the West-Pench range were cleared of creepers at a cost of Rs. 138.

In the Betul district all creepers were cut in 10,240 acres in Khamapur and 1,920 acres in the Bowergarh reserve at a cost of Rs. 520.

A small sum was also spent in clearing compartment No. 2 of block F. of the Banjar forest in Mandla of creepers, and in the Kuntra-nala reserve Raipur 8,984 trees were cleared of creepers at a cost of Rs. 40.

In Bhandara the regular establishment has taken an active part in the cutting out of creepers and in several other districts a certain amount of work has thus been done, but being carried out by each individual as opportunity occurs, it is not possible to define the extent of the work thus accomplished.

Experiments and exotic trees.

70. Under this head there is nothing to record except that some Mahogany trees put out in the previous year in Hathibari reserve are thriving and promise to do well.

Communications and Buildings.

Roads.

71. In the Chanda district the road from Kolsa to Moharli in the Moharli range was widened at a cost of Rs. 416, and in Betul in extension of previous work 12 miles of road leading from Bowergarh towards the open country were made at a cost of Rs. 533-9-3.

The outlay necessary on the repair of forest roads was small, amounting only to Rs. 1,440.

Buildings.

72. On the construction of subordinates' quarters there was an outlay of Rs. 220, and Rs. 2,491 were spent on the repairs of buildings, rest-houses and subordinates' quarters.

There was a further outlay of Rs 440 in sinking a well at Dhekna in the Saonligarh forest making the total expenditure on the work Rs. 541, but the work was not completed at the close of the year. On the repair of tanks and kutcha wells to supply water in the forests Rs. 179 were spent.

CHAPTER IV.

YIELD AND WORKING.

Departmental operations.

73. The following statement exhibits the quantity in tons of produce of different kinds cut or collected departmentally.

Description of produce.	From the old A. Class reserves.	From other Government forests.	Total.
	Tons.	Tons.	Tons.
Timber, teak and sal	1,793	478	2,271
Timber, other than teak and sal	342	333	675
Firewood and charcoal	251	226	477
Bamboos	220	81	301
Grass	475	...	475
Hides and Horns	2	...	2
Other minor produce	94	414	508
Total ...	3,177	1,532	4,709

The chief departmental operations were in connection with the supply of sleepers from the forests of Mandla, Balaghat, Chanda and Raipur for the Warora and the Bengal-Nagpur Railways, the supply of pit-props from the Chanda forests for the Warora Colliery and the collection of Hurra in Mandla and Balaghat.

74. The following trees were felled departmentally:—

Mandla ...	Bunjar forest ...	1,511 sal
	Soudhur „ ...	571 sal
	Indri „ ...	220 sal
Chanda	Ahiri forest ...	2,428 teak
	Moharli and adjoining forests ...	4,770 of different kinds for pit-props.

The trees specified as felled in Mandla were obtained by selection fellings in the forests noted. In Ahiri the fellings included trees of the three upper classes of from 3 feet girth upwards, cut on account of their being unpromising or to give place to the young growth of teak now coming on. The fellings for the pit-props have been classed as thinnings.

75. The out-turn in cubic feet of sleepers and scantlings resulting from the conversion of rough timber was as follows:—

Mandla ...	36,061	Chanda ...	26,517
Balaghat ...	13,895	Raipur ...	7,241

Of the above out-turn by conversion 13,895 cubic feet in Balaghat were from timber procured from private forests to facilitate supply of an urgent demand.

76. Of the out-turn in clean sawn material 10,047 cubic feet were transported to Jubbulpore and 19,056 cubic feet to Gondia from the Bunjar and other forests in Mandla, 11,131 cubic feet were conveyed to Gondia from the uplands of Balaghat, and 30,608 cubic feet were transported from Ahiri to Warora, to which place were also taken 15,166 cubic feet of pit-props from the Moharhi reserve and forests to its south.

77. Of Hurra were collected in Mandla 5,310 maunds, and in Balaghat 7,799 maunds.

The opening and closing balances of timber and other stock at sale depôts and the receipts and disposals during the year are given in form 56 which calls for no special explanation, except that as the form refers to sale depôts only, it excludes all material at depôts in the forests.

Removal of produce by purchasers.

78. Details of the produce removed by purchasers with the exception of produce the right to collect which is leased, and produce removed under commutation licenses where these are allowed, are given in forms 54 and 55. The estimated weight in tons of the quantities of each class of produce returned in this form is given in the following statement :—

Description of produce.	From the old A. Class reserves.	From other Government forests.	Total.
	Tons.	Tons.	Tons.
Timber, teak and sal	767	401	1,168
Timber other than teak and sal	2,941	36,330	39,271
Firewood and charcoal	14,121	78,519	92,640
Bamboos	9,522	8,448	17,970
Grass	8,766	19,628	28,394
Hides and Horns	4	46	50
Other minor produce	800	7,455	8,255
Total ...	36,921	1,50,827	1,87,748

This is the first year in which it has been possible to obtain these data for all districts and therefore no comparison with the figures of previous years can be instituted.

Free grants of forest produce.

79. Under this head there is nothing to record.

Produce removed by right-holders and under privileges.

80. There are no right holders in the Government forests.

Summary of produce removed from the forests.

81. The yield of the forests in timber and firewood is given in form 54 and that in minor produce in form 55. An effort has been made to classify the yield in timber and firewood according to the nature of the cuttings from which the produce has been obtained, but this is no easy matter as most of the material removed represents wood of the inferior kinds, which the public have been permitted to remove on license without restriction except in respect of payment, and even if this were not so, the cuttings would not be thinnings strictly so called, they would not be clearances, and the out-turn consisting chiefly of small wood, they would not come under the denomination of selection fellings, a term accepted only in cases in which high forest is treated on the selection system. There are a few cases to which the terms are applicable, but speaking generally they can convey no accurate idea of the nature of the cuttings that would be executed in the forests of these provinces even under the most elaborate organization for many years to come. They imply a completness in the forest growth which only at present exists in the less accessible forests or clear cuttings which are rarely likely to be made.

82. The following statement gives the out-turn of the forests reduced to tons :—

Description of produce.	From the old A. Class reserves.	From other Government forests.	Total.
	Tons.	Tons.	Tons.
Timber, teak and sal	2,560	879	3,439
Timber other than teak and sal ...	3,283	36,663	39,946
Firewood and charcoal	14,372	78,745	93,117
Bamboos and articles made of bamboos ..	9,742	8,529	18,271
Grass	9,241	19,628	28,869
Hides and Horns	6	46	52
Other minor forest produce	894	7,869	8,763
Total ...	40,098	1,52,359	1,92,457

The foregoing figures do not include produce removed on commutation licenses where they are still allowed, nor produce the right to collect which was leased, but returns having been received from all districts of all other produce the figures are more complete than they have hitherto been.

The yield of the old 1st class reserves or A forests has been separately given as these areas have been under stricter protection than the rest for many years past.

83. From the forests of Mandla, Balaghat, and Raipur there has been an increase in the out-turn of sal owing to a demand for sleepers, and the out-turn of all produce except timber other than teak and sal and minor produce has increased. The increase in the out-turn of grass was apparently due to the season being more favourable to the production of this article on forest soils than on the richer and moister soils of the plains, partly to the production of Karbi being less, and partly to the protection of Gundri grass in Raipur, but the cause of the great difference between these figures and those for the previous year is that the former did not include the yield of the forests in all districts.

Imports and exports of forest produce.

84. There is nothing special to record.

CHAPTER V.

Financial Results.

85. Appended is Form No. 58 duly verified by the Comptroller and Auditor-General, and in which a correction has been made under the instructions of that officer by the addition of Rs. 16,914 under Head I*a*, in the Mandla district, and a corresponding correction in the totals.

86. For facility of comparison the total receipts and charges for the two past years are given in the following statement :—

		1886-87.		1887-88.	
		Rs.	Rs.	Rs.	Rs.
Receipts	...	...	9,57,410	..	10,93,369
Charges	A. ...	2,86,689	...	2,78,063	...
	B. ...	2,12,603	4,99,292	2,48,433	5,26,496
Surplus	...	...	4,58,118	...	5,66,873

There has thus been an increase of Rs. 1,35,959 in the gross and Rs. 1,08,755 in the net receipts. Of the increase in the gross income Rs. 57,794 result from departmental operations, and Rs. 78,165 from the removal of produce by purchasers and grazing.

87. The increase under departmental operations is accounted for by a demand for sleepers, and the fact of the Balaghat Hurra crop having been collected departmentally in the previous year and sold in the year under report.

88. The total increase under the head grazing and produce removed by purchasers, is less than the increase returned under grass and grazing which amounts to Rs. 94,996, the revenue under other heads having fallen in some districts.

89. The following statement exhibits the variations under the different sub-heads other than Head I "revenue resulting from departmental operations":—

Budget sub-head.	Increase.	Decrease.
	Rs.	Rs.
Head II, Commutation	...	3,685
„ II*a*, Timber	4,617	..
„ II*b*, Firewood and Charcoal	...	1,742
„ II*c*, Bamboos	888	...
„ II*d*, Grazing and Fodder grass	94,996	...
„ II*e*, Other minor produce		16,277
„ III, Confiscated drift and Waif wood ...	321	...
„ IV*b*, Revenue from shared and leased forest ...	...	4,106
„ V*a*, Fines and Forfeitures	...	132
„ V*b*, Refunds	...	142
„ V*c*, Other Sources	3,425	...
Total ...	1,04,247	26,084

90. The decrease under Head II may be attributed to further restrictions on commutation.

91. The increase under Head II*a* is mainly due to an increased demand, and here it has to be noted that though on the whole rates have in many cases been raised, they have been regulated as far as practicable to the value of the material of different kinds; hence a large increase in the total demand does not necessarily bring in a large increase in receipts,—there have however been different results in different districts, as shown by the following statement:—

Increase.	Rs.	*Decrease.*	Rs.
Balaghat	29	Bilaspur	3,556
Betul	663	Damoh	1,029
Bhandara	1,010	Jubbulpore	101
Chanda	457	Mandla	520
Chhindwara	322	Narsinghpur	134
Hoshangabad	6,587	Saugor	466
Nagpur and Wardha ...	3,122	Sambalpur	4,010
Nimar	2,862	Seoni	1,554
Raipur	934		
Total ...	15,986	Total ...	11,370

92. The increase in Hoshangabad is very satisfactory, and is believed to be due to better arrangements for the management of the forests, to the adjustment of rates according to the value of the produce, and a better demand.

93. The decrease in Seoni is probably accounted for by part of the increase in Nagpur, Bhandara and Chhindwara.

94. The large decrease in Bilaspur appears attributable to the issue of licenses for dead-wood of the specially protected kinds being temporarily stopped, as the practice had led to the killing of trees of these kinds, in order that they might be obtained at a cheaper rate as dead-wood.

95. The large decrease in Sambalpur is attributed by the Deputy Commissioner to bad harvests.

96. The Deputy Commissioner, Damoh, explains that the decrease in his district is due to its being found expedient in many cases to refuse permission to cut wood of the specially protected kinds, but it is singular that there is a greater or less decrease in the receipts under this head in all the districts of the Jubbulpore Division.

97. In reference to the decrease of Rs. 1,742 under head II*b*, it is possible that this may be partly due to the change of rates in some districts, as it not unfrequently happens that the first effect of a rise in rates is temporarily to check the demand. The actual results under this head in different districts are as follows:—

Increase.	Rs.	*Decrease.*	Rs.
Balaghat	749	Betul	348
Chanda	281	Bhandara	5,751
Mandla	596	Bilaspur	456
Nagpur and Wardha ...	1,060	Chhindwara	1,529
Narsinghpur	127	Damoh	419
Nimar	1,825	Hoshangabad	17
Raipur	2,317	Jubbulpore	531
Sambalpur	1,064	Saugor	762
Seoni	52		
Total ...	8,071	Total ...	9,813

98. It is at present impossible to state how far the increase in the receipts in certain districts was due to the raising of rates for, the change in rates did not take effect from the commencement of the official year.

99. The rise in Balaghat is doubtless to a great extent due to the limitation of commutation in the preceding year, and that in Mandla to an exceptional demand for fuel on the borders of the district in Jubbulpore, while the increase shown against Sambalpur is due to misclassification in the previous year, of which details were not then submitted.

100. The chief decrease amounting to Rs. 5,751 is in the Bhandara district, in which the rate for this product was not raised. The decrease in this case is chiefly due to the absence of restrictions in private forests.

101. The fall in Hoshangabad is nominal, and will, without doubt, be counter-balanced by an increase in the current and succeeding year.

102. The decrease in Betul and Chhindwara has not been satisfactorily explained.

103. The fall of Rs. 762 in Saugor is attributed to the exhaustion of the supply of dead-wood, that of Rs. 419 in Damoh to competition from private forests, and that of Rs. 531 in Jubbulpore to restrictions introduced preparatory to the introduction of more systematic working. The restrictions in Jubbul-

pore must lead to a future increase, while in Saugor, arrangements can be made for permitting the cutting of certain species as fuel in certain tracts as soon as the rates have been revised.

104. Under Head II*c*. there was an increase of Rs. 718 in Betul, Rs. 1,962 in Hoshangabad, Rs. 3,424 in Nimar, besides a small increase in Balaghat, Bhandara, Narsinghpur and Saugor, while there was a decrease of Rs. 2,342 in Bilaspur, and of Rs. 2,026 in Seoni. In the remaining districts the differences are not considerable.

105. It is difficult to understand the cause of the fall in Bilaspur, but as there was also a decrease of nearly Rs. 600 in Raipur, it is possible that it may be in some way connected with the previous season's inferior harvest. The fall in Seoni cannot be accounted for with certainty, but it is known that the Nagpur-Bengal Railway brings these forests more into competition with private forests, and that the demand depends much on the bargains dealers are able to drive with private persons.

106. Under Head II*d*, the following statement exhibits the increase and decrease in each District:—

Increase.

	Rs.		Rs.
Balaghat	7,537	Brought forward ...	74,320
Betul	7,165	Nagpur and Wardha ...	1,179
Bhandara	2,339	Narsinghpur	788
Chanda	28,879	Nimar	7,130
Chhindwara	13 388	Raipur	14,017
Hoshangabad	8,956	Sambalpur	125
Mandla	6,056	Seoni	1,979
Carried forward ...	74,320	Total ...	99,538

Decrease.

	Rs.
Bilaspur ...	614
Damoh ...	1,154
Jubbulpore ...	597
Saugor ...	2,178
Total ...	4,543

107. The increase in Betul and Hoshangabad has been lower in proportion than the rise in rates, and in Nimar also this has been the case.

In the two former districts it was expected, owing to the proximity of Berar where very low rates are in force, and the same cause, as well as the proximity of Native States, has possibly influenced the receipts from this source in Nimar.

108. In Bilaspur though the total revenue under this head has fallen, the revenue from grazing was slightly higher than in the previous year, the fall therefore was under the head of fodder grass.

109. Of the increase of Rs. 14,017 in Raipur, Rs. 4,727 are accounted for by misclassification in the preceding year, and of the balance about Rs. 6,000 result from the protection of "Gandri-grass."

110. It would have been preferable that the receipts under Head II*d* should for purposes of comparison have been divided under two sub-heads, but the past is the first year in which for some districts full details of revenue have been submitted, while the modification in control charges which took place during the year has only rendered it more difficult to work out correct figures for purposes of comparison.

111. In reference to the decrease under Head II*e.*, it has already been explained that Rs. 4,727 were incorrectly credited to this head in the previous year. The only items calling for special explanation are a fall of Rs. 4 233 in Raipur, of Rs. 4,692 in Betul, Rs. 1,578 in Jubbulpore, and Rs. 3,858 in Saugor.

112. Regarding the decrease in Raipur it is to be noted that though the sale of the lac lease brought in Rs. 1,350 more, the hurra crop sold for Rs. 1,100 less, while the receipts of the previous year were enhanced by the recovery of arrears to the amount of Rs. 1,100. This leaves a difference of Rs. 2,983 not yet explained.

113. The decrease in Jubbulpore is said to be due to a bad season for Mohwa and the absence of bids for part of the crop, which was accordingly collected and stored for sale after the close of the year.

114. The decrease in Saugor is not fully accounted for, but is partly on account of hides regarding which some old order of the Commissioner was put into force from December 1886. This, however, can only account for a difference of Rs. 1,321 leaving 2,500 unaccounted for.

115. The decrease of Rs. 4,700 in Betul is understood from the District report to represent merely a postponement of revenue resulting from a change of system. The right to collect the mohwa crop of 1887-88 being leased in the previous year, the receipts were credited in 1886-87. In the past year the offers for the current year's crop not being satisfactory the right to collect was given out in small lots to the villagers and the revenue will appear in the current year as the villagers are generally unable to pay much in advance.

116. The decrease of Rs. 4,106 under head IV*b.*, is on account of the non-realisation of part of the "Takoli" in Bhandara.

117. The variations under the other heads of revenue call for no explanation.

118. In the figures relating to expenditure there is nothing that calls for special comment or explanation, except that the transfers from the temporary establishment scale to the permanent Conservancy establishment scale have resulted in a decrease in the expenditure under Head AII. and an increase under Head BI*c.*

119. In Form No. 60 are given the value of sales during the year and the outstandings and liabilities respectively at the commencement and close of the year. According to this form the net value of the year's transactions is Rs. 10,94,549-12 3 arrived at as follows :—

	Rs	a.	p.
Realised during the year	10,93,639	0	10
Deduct net amount due to the Department at the commencement of the year ...	3,676	7	0
Balance ...	10,89,962	9	10
Add net amount due to the Department at the close of the year	4,587	2	5
Net result of the year's transaction... ...	10,94,549	12	3

120. In Form No 61 are given the outstandings on account of advances. This form is duly verified by the Comptroller and Auditor-General and calls for no special remark.

121. In prescribed Form No. 62 the revenue is divided under two, and the expenditure under three main heads. The following is an abstract of this form :—

	Receipts.	Charges.
	Rs.	Rs.
Timber and other produce removed from the forests by Government agency ...	1,42,819	77,651
Timber and other produce removed by purchasers	9,50,550	2,74,483
Formation, conservation and improvement of forests...	...	1,74,362
Total ...	10,93,369	5,26,496

122. Regarding the receipts and expenditure under the first head, it has to be observed that the income resulted partly from the previous year's expenditure and that part of the expenditure is debitable to revenue yet to be realised.

123. The expenditure under the third head is higher than in the previous year, owing to the larger outlay incurred on fire protection and demarcation.

124. The following is a comparative statement of the receipts and charges in the different districts :—

District.	Receipts.		Charges.		Surplus.		Deficit.	
	1886-87.	1887-88.	1886-87.	1887-88.	1886-87.	1887-88.	1886-87	1887-88
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction ...	2,374	3,465	39,229	36,501	...	...	36,855	33,036
Nagpur and Wardha ...	56,009	58,484	31,787	24,477	24,222	34,007	...	...
Bhandara ...	42,405	41,065	22,208	17,949	20,197	23,116	...	...
Chanda ...	1,27,744	1,99,991	68,408	85,859	59,336	1,14,132	...	...
Balaghat ...	29,751	66,819	17,121	24,408	12,630	42,411	...	...
Jubbulpore ..	21,228	20,018	12,321	12,894	8,907	7,124	...	...
Saugor ...	66,210	59,435	29,137	31,797	37,073	27,638	...	...
Damoh ...	58,966	54,234	13,592	13,628	45,374	40,606	...	...
Mandla ..	1,25,151	1,13,960	69,572	67,484	55,579	46,476	...	...
Seoni ...	76,827	74,171	31,149	31,821	45,678	42,350	...	...
Betul ...	56,274	60,161	25,280	25,937	30,994	34,224	..	...
Chhindwara ...	36,569	48,527	15,407	17,787	21,162	30,740	...	...
Hoshangabad ...	75,774	96,875	39,822	44,189	35,952	52,686	...	...
Narsinghpur ...	10,114	10,724	7,797	3,199	2,317	7,525	...	...
Nimar ...	54,026	70,249	42,070	43,446	11,956	26,802	...	...
Raipur ...	68,906	75,678	24,704	32,042	44,202	43,636	...	...
Sambalpur ...	18,540	16,197	4,594	4,844	13,946	11,353	...	...
Bilaspur ...	30,542	23,316	5,095	8,234	25,447	15,082	...	...
Total ...	9,57,410	10,93,369	4,99,293	5,26,496	4,58,117	5,66,873	...	...

The figures in the foregoing statement, though correct, do not agree with those given by the Comptroller and Auditor-General in Form No. 58 because of the modifications in the control charges which took place during the year.

126. The surplus of the past year in Mandla has been kept down by the employment in that district on special duty of a senior officer in addition to the District Forest Officer.

127. In Nimar the net results have improved, but are still far below what they should be.

128. Chanda and Balaghat, and in a less degree Chhindwara, Nagpur and Wardha, show a satisfactory increase in the surplus.

129 There has been a considerable decrease in the surplus in Saugor and Bilaspur of which only a small portion in each case is due to increased expenditure. The remainder of the decrease in the surplus in these two districts is partly accounted for in the remarks on the rise and fall of the revenue under different heads.

130. Form No. 57 shows the value of timber and other stock at sale depôts to be Rs. 2,541 more at the close than at the commencement of the year, while from Form 57 A the value of live and dead stock will be found to be Rs. 3,829 less. These differences have not, however, been taken into account in considering the financial results of the year, for they ignore a considerable difference in favour of the year resulting from the value of timber and other stock at depots in the forests.

131. On the whole the financial results of the year are good, fluctuations must be expected, but as far as can be judged the revenue shows a steady tendency to increase.

CHAPTER VI.

General Remarks.

132. The re-arrangement of the limits of forest charges as far as possible according to Civil Divisions, which could not be at once carried out owing to the difficulty in some cases of providing the establishment rendered necessary by the sub-division of areas, has now been almost completed and it remains only to obtain the opinion of Commissioners regarding the limits to be assigned to the Mandla charge where it borders on Balaghat.

133. Nothing has yet been done for the organization of a Working-plans branch ; as a commencement in this matter the assistance of one officer has been asked for but has not yet been obtained. The staff at present does not admit of the forests in each district being in charge of a Gazetted Forest Officer, and during the year two districts had to be held charge of by one officer and two districts were without Forest officers above the class of Ranger.

134. The urgent want of proper establishment for District Offices referred to in the report for the previous year, continued to be felt during the year under report. It can now be dealt with in a fairly comprehensive manner and will therefore be taken up at once.

Notice of officers.

135. Of the officers of the department, I would first mention :—

Mr. J. McKee, Deputy Conservator of Forests.
„ W. P. Thomas, Deputy Conservator of Forests.
„ G. H. Foster, Deputy Conservator of Forests.

Mr. McKee since his return from leave in October last, held charge of the extensive forests of the Mandla district, in which capacity he has fully maintained his reputation for zeal and ability, has done excellent service and success-

fully carried on the work of the district in spite of great difficulties resulting from the forests being altogether under-officered.

Mr. Thomas in charge of the Hoshangabad district and Mr. Foster in charge of the Chanda District have been most successful in respect of the amount of work accomplished, and all credit is due to these officers for the success that has attended their undertakings.

136. Of the other Controlling Officers in charge of districts, I would mention :—

Mr. E. Dobbs, Officiating Deputy Conservator of Forests.
„ H. B. Anthony, Assistant Conservator of Forests.
„ A. Watson, Assistant Conservator of Forests.

Mr. Dobbs has been very successful in extending fire protection, has carried on the administration of his charge to the satisfaction of the Conservator, and has collected and put together much useful information regarding the areas that should be given up to cultivation.

Mr. Anthony in charge of the Bhandara district has done excellent service in pushing on the extension of fire protection and in the administration of his charge generally, though from causes over which probably for the time being he had no control, the revenue under one head from the forests of his district has fallen materially.

In the charge of the Nagpur and Wardha districts, which he resumed on his return from leave, Mr. Watson has displayed both zeal and ability.

137. Mr. R. Thompson, Deputy Conservator of Forests in the Raipur District, was absent for part of the year on deputation to Ceylon, and his administration of the district was thus interrupted. Since the close of the year he has sent in a scheme containing valuable suggestions for improving the revenue system and for raising the revenue of the forests in his charge.

Captain C. W. Losack, Deputy Conservator of Forests, employed on special duty, got through much heavy inspection work entailing constant exposure and which ended in his being laid down by sun-stroke.

Mr. A. F. Gradon, Assistant Conservator of Forests, attached to the Conservator's office, has proved himself a very useful assistant.

138. Of the Sub-Assistant Conservators Mr. Chunder Kumar Chatterji and Mr. Mahomed Ghouse have done best. Mr. Mahdeo Rao is also believed to have done good service.

The following probationary Sub-Assistant Conservators worked satisfactorily and have since been sent to the Forest school :—

Mr. S. G. Paranjpe.
„ W. N. C. McLeod.
„ C. B. Anthony.

J. C. DOVETON,

Conservator of Forests,
Central Provinces.

List of Appendices to the Forest Report for 1887-88.

Form No.	Name of Form.
49	Area of Reserved Forests.
49 A	Area of unclassed state forests or waste lands.
50	Prosecutions for breaches of Forest rules.
50 A	Return of offences reported.
51	Area of forest tracts protected from fire.
53	Annual statement of trees felled or girdled by Government agency.
54	Annual statement showing the out-turn of timber and firewood.
55	Annual statement showing the out-turn of Minor Forest produce.
56	Annual account of timber, &c., in Depots and sold locally.
57	Annual abstract showing the value of timber and produce at sale Depots.
57A	Annual abstract showing the value of live and dead stock.
58	Annual summary of the revenue and expenditure of the different Divisions.
59	Annual Account current.
60	Annual statement of outstandings on account of Revenue.
61	Annual statement of outstandings and liabilities on account of Contractors and Disbursers.
62	Annual statement of Financial results.
	Appendices.
A.	Statement showing the actual condition of boundaries and boundary marks.
B.	Statement showing the number of cases in which subordinates were punished during the year 1887-88.
C.	Statement showing the number of animals grazed and the income derived therefrom during 1887-88.
D.	Statement of Forest Buildings.

STATEMENTS.

Annual Form No. 49.—[*Prescribed.*]

FOREST DEPARTMENT, CENTRAL PROVINCES.

Area of Reserved Forests 1887-88.

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1887.		Added during the year.	Excluded or transferred to other heads.	Area on 31st March 1888.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
Nagpur ...	Katol ...	Nagpur district..	Jamni ...	3,341	5	...	...	3,341	5		
			Pertabgurh ...	608	1	...	...	608	1		
			Kondali ...	10,469	16	...	...	10,469	16		
			Kaidarpur ..	4,199	7	...	...	4,199	7		
			Palgondi ...	3,222	5	...	...	3,222	5		
			Saonga Lohara ..	5,866	9	...	...	5,866	9		
			Talaigaon ...	2,496	3	...	...	2,496	3		
			Pathalgondi ...	4,829	8	...	...	4,829	8		
			Chorkairi ...	1,246	2	...	...	1,246	2		
			Logarh Borkhairi ...	2,379	4	...	...	2,379	4		
			Total ...	38,655	60	.	...	38,655	60		
	Nagpur ...	Nagpur district.	Wargaon Khurd ...	724	1	...	...	724	1		
			Dongergaon. ...	555	1	...	...	555	1		
			Janapani ..	815	1	...	...	815	1		
			Birsukli ...	840	1	...	...	840	1		
			Dhegma ...	5,248	8	...	...	5,248	8		
			Keljar ...	11,025	17	...	...	11,025	17		
			Nagargurh ...	1,206	2	...	...	1,206	2		
			Ambajhiri ...	648	1	...	...	648	1		
			Sonegaon ...	3,725	6	...	...	3,725	6		
			Logarh Bazargaon ...	2,275	4	...	...	2,275	4		
			Madhogurh ...	989	2	..	...	989	2		
			Dhaga ...	576	1	..	...	576	1		
			Total ...	28,626	45	...	...	28,626	45		
Nagpur ...	Ramtek ...	Nagpur district.	Dongertal ...	57,001	89	...	...	57,001	89		
			Ramtek ...	19,774	31	...	...	19,774	31		
			Saerrkha Borda ...	22,392	35	...	...	22,392	35		
			Bhehgarh ..	22,273	35	...	...	22,273	35		
			Mohgaon ...	849	1	...	...	849	1		

			Warpani ...	5,339	8	...	...	5,339	8	
			Sapghota ...	1,918	3	...	...	1,918	3	
			Shahpur ...	592	1	...	...	592	1	
			Total ...	1,30,138	203	...	...	1,30,138	203	
	Umrer ...	Nagpur district..	Chichola ...	6,333	10	...	...	6,333	10	
			Munia ...	21,233	33	...	...	21,233	33	
			Ranbori ...	6,700	10	...	...	6,700	10	
			Magadokra ..	1,651	3	...	...	1,651	3	
			Biwarpur ...	1,871	3	...	...	1,871	3	
			Naud ...	9,996	16	...	...	9,996	16	
			Sondepar ...	222	...	...	...	222	...	
			Total ...	48,006	75	...	...	48,006	75	
			Total for Division ...	2,45,425	383	...	..	2,45,425	383	
Bhandara ...	Bawanthari...	Bhandara district.	Gudru Rewabai	2,177½	3	...	...	2,177½	3	
			Sadabori Chitewani	1,679	3	...	...	1,679	3	
			Kapurwihri .	1,122	2	...	...	1,122	2	
			Mohgaon ..	2,131	3	...	.	2,131	3	
			Phulchar ...	1,456	2	...	...	1,456	2	
			Chickla ...	3,467½	5	...	...	3,467½	5	
			Khasakpur ...	438	1	...	...	438	1	
			Bawanthari (north) ...	12,287	19	...	...	1,2287	19	
			Do. (south) ...	48,800½	76	...	...	48,800½	76	
			Chandpur (north) ...	4,725½	7	...	...	4,725½	7	
			Do (south) ...	15,545	24	...	...	15,545	24	
			Ambagarh ...	640	1	...	...	640	1	
			Total ...	94,469	146	...	...	94,469	146	
	Gaikhuri ...	Bhandara district	Gaikhuri ...	76,880½	120	407½	...	77,288	121	*Correction of areas.
			Dudhara ...	10,044	16	...	...	10,044	16	
			Matora ...	8,800	14	...	..	8,800	14	
			Khapa ...	650	1	...	...	650	1	
			Koknagarh ...	1,084	2	...	...	1,084	2	
			Purkabori ...	15,690	25	...	...	15,690	25	
			Kodurli ...	625	1	...	...	625	1	
			Wakal ...	1,120	2	...	...	1,120	2	
			Mundipar ...	9,805	15	...	...	9,805	15	
			Rampuri ...	3,127	5	...	...	3,127	5	
			Waregaon ...	665	1	...	...	665	1	
			Pathri ...	500	1	...	...	500	1	
			Mokla ..	615	1	...	...	615	1	
			Phutara ...	900	1	...	...	900	1	
			Chargaon ...	1,420	2	...	...	1,420	2	
			Girola ...	4,492½	7	...	..	4,492½	7	
			Total ...	1,36,418	213	407½	.	1,36,825½	214	

ANNUAL FORM No. 49.—[Prescribed.]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1888.		Added during the year.	Excluded or transferred to other heads.	Area on 1st March 1888.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
	Paoni	Bhandara district.	Khapri ...	1,075	2	...	...	1,075	2		
			Gaidongri ...	3,200	5	...	...	3,200	5		
			Badarthal ...	21,883	34	...	...	21,883	34		
			Total ...	26,158	41	...	...	26,158	41		
	Partabgarh	Bhandara district.	Buki Mendki ...	3,400	5	...	...	3,400	5		
			Wagoli ..	732	1	...	...	732	1		
			Sangarhi ..	5,624	9	.	...	5,624	9		
			Nawegaon ..	14,983	23	...	...	14,983	23		
			Partabgarh ...	12,481	19	...	..	12,481	19		
			Kelod ...	15,291	24	...	...	15,291	24		
			Singandoh ...	3,400	5	...	...	3,400	5		
			Kodamendhi ...	531	1	..	...	531	1		
			Gumgaon Pipalgaon ...	22,544	35	...	...	22,544	35		
			Erandi ...	350	1	...	...	350	1		
			Arjuni ...	802	1	...	...	802	1		
			Ramghat ...	6,180	10	...	...	6,180	10		
			Charbhatti ...	8,677	14	...	..	8,677	14		
			Mandeo khal ...	600	1	...	...	600	1		
			Total ...	95,595	149	...	...	95,595	149		
			Total for Division ...	3,52,640	551	407½	...	3,53,047½	552		
Chanda ...	Ahiri ...	Ahiri Zamindari in Chanda dist.	Ahiri ...	*20,775	32	†60,591	...	81,366	127	No. 4308, dated 24th August 1887.	*Area of old Bimarum and Mirkulloo Reserves. †Transferred from the unclassed State forests and waste lands.
			Muljhiri Phuljhiri ...	...	...	*232	...	232	...	No. 3052, dated 20th June 1887.	Do. do.
	Moharli ...	Chanda district.	Moharli ...	2,29,612	359	...	...	2,29,612	359		
			Bhanduck ...	43,764	68	...	...	43,764	68		
			Total ...	2,73,376	427	232	...	2,73,608	427		
		Chanda district.	B Class Forests ...	18,61,635	2,909	...	...	18,61,635	2,909		
			Total for Division...	21,55,786	3,368	60,823	...	22,16,609	3,463		

Wardha ...	Arvi ...	Wardha district.	Erjhur	...	11,911	19	...	...	11,911	19
			Dhuga	...	14,171	22	...	...	14,171	22
			Malaigaon	...	6,590	10	...	..	6,590	10
			Total	...	32,672	51	...	...	32,672	51
	Arvi ...	Wardha district.	Bhurkumba	...	279	...	...	...	279	...
			Sitapur	...	5,036	8	...	...	5,036	8
			Kinhi-west	...	1,074	2	...	...	1,074	2
			Paith	...	827	1	...	...	827	1
			Mowar	...	4,896	8	..	...	4,896	8
			Soosundara	...	2,169	3	..	...	2,169	3
			Mendagar	...	2,544	4	...	...	2,544	4
			Janoona	..	4,315	7	...	...	4,315	7
			Jamneera	...	2,234	3	...	...	2,234	3
			Chicholi	...	1,643	2	...	...	1,643	2
			Rohikund	..	5,541	8	...	...	5,541	8
			Rathnapur	..	200	...	...	...	200	...
			Chandni	...	4,219	7	...	...	4,219	7
			Koondi	...	430	1	...	...	430	1
			Dabirpur	...	515	1	...	...	515	1
			Saod	...	1,585	3	...	...	1,585	3
			Dhanoli	...	29,563	46	...	...	29,563	46
			Dhuga	..	16,561	26	...	..	16,561	26
			Erjhur	..	1,000	2	..	...	1,000	2
			Total	..	84,631	132	...	...	84,631	132
	Hinganghat...	Wardha district.	Nahani	..	1,892	3	...	...	1,892	3
			Mohgaon	...	2,154	3	...	...	2,154	3
			Wagdori	.	5,500	9	...	...	5,500	9
			Khaik	..	1,185	2	...	...	1,185	2
			Total	...	10,731	17	...	...	10,731	17
			Total for Division	..	1,28,034	200	...	...	1,28,034	200
Balaghat ..	Burha and Behir.	Balaghat dist ...	B Class Forests	...	6,14,562	960	..	...	6,14,562	960
Jubbulpore...	Bijeragogarh Central Jubbulpore..	Jubbul. dist.	B Class Forests	...	2,10,582	329	...	...	2,10,582	329
	Bijeragogarh.		Bijeragogarh	...	...	...	*21,188	33	21,188	33
	Central ...		Lower gour	...	...	..	*5,517	9	5,517	9
	Jubbulpore...	Damoh district..	Singrampur	...	...	...	*6,555	10	6,555	10
			Total for Division	..	2,10,582	329	33,260	52	2,43,842	381

* Transferred from Mandla Division.
● Do. do.
* Do. do.

ANNUAL FORM No. 49.—[Prescribed] (Contd).

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1887.		Added during the year.	Excluded or transferred to other heads.	Area on 31st March 1888.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
Saugor ...	Garhakota ...	Saugor district.	Garhakota ...	2,899	5	...	...	8,299	5		
	Hathkho ...		Hathkho ...	19,492	30	...	...	19,492	30		
	Rangir ...		Rangir ...	11,036	17	...	...	11,036	17		
	Ranipura ...		Ranipura ...	8,109	13	...	...	8,109	13		
	Tigora ...		Tigora ...	559	1	...	.	559	1		
		ditto	B Class Forests ...	4,74,488	742	...	...	4,74,488	742		
			Total for Division ...	5,16,583	808	...	..	5,16,583	808		
Damoh ...		Damoh district..	B Class Forests ...	5,34,770	836	...	...	5,34,770	836		
Seoni ..	Satpura ...	Balaghat and Seoni districts.	Sonawani ...	52,520	82	...	...	52,520	82		
			Kurai ...	62,770	98	..	.	62,770	98		
		Seoni and Nagpur districts.	East Pench ...	1,23,464	193	...	...	1,23,464	193		
		Chhindwara and Nagpur districts.	West Pench ...	60,938	95	...	...	60,938	95		
			Total ...	2,99,692	468	...	...	2,99,692	468		
		Seoni district ...	B Class Forests ...	3,54,306	554	*992	...	3,55,298	555		* Transferred from Mandla Division.
			Total for Division ...	6,53,998	1,022	992		6,54,990	1,023		
Mandla ...	Bunjar Valley	Mandla district..	Bunjar valley ...	49,724	78	...	...	49,724	78		
	Phen ...	do.	North Phen ...	6,435	10	...	...	6,435	10		
			South Phen ...	45,967	72	...	...	45,967	72		
			Motinala ...	1,658	3	...	...	1,658	3		
			Total ...	54,060	85	...	...	54,060	85		

	Jugmundal ...	Mandla district..	Jagmundal ..	24,503	38	...	..	24,503	38	
	Choharigogarh.		Choharigogarh ...	1,660	3	...	...	1,660	3	
	Airi ..		Airi ...	2,150	3	...	...	2,150	3	
	Barela ...		Barela ...	7,153	11	...	...	7,153	11	
	Halon ...	Balaghat district	Topla ...	45,506	71	...	...	45,506	71	
			Keolikapa ...	6,296	10	...	...	6,296	10	
			Total ...	51,802	81	...	...	51,802	81	
	Gour ..	Jubbul. district.	Lower gour .	5,517	9	...	*5,517	...	...	*Transferred to Jubbulpore Division.
	Bijeragagarh..		Bijeragogarh ...	21,188	33	...	*21,188	...	...	Do. do.
	Singrampur...	Damoh district...	Singrampur ...	6,555	10	...	*6,555	...	...	Do. do.
		Mandla district..	B Class Forests ...	17,13,592	2,677	...	*992	17,12,600	2,676	*Transferred to Seoni Division.
			Total for Division ...	19,37,904	3,028	...	34,252	19,03,652	2,975	
Betul ...	Khamapur ...	Betul district ...	Khamapur ...	1,08,012	169	...	...	1,08,012	169	
	Bowergarh ...		Bowergarh ...	75,520	118	...	...	75,520	118	
			B Class Forests . .	5,45,482	852	...	...	5,45,482	852	
			Total for Division ...	7,29,014	1,139	...	...	7,29,014	1,139	
Chhindwara...		Chhindwara dist.	B Class Forests ...	4,10,412	641	...	...	4,10,412	641	
Hoshangabad	Rajaborari ...	Hoshangabad district.	Rajaborari ..	1,61,645	253	...	...	1,61,645	253	
	Kalibhit ...		Kalibhit ...	.	...	*1,66,400	...	1,66,400	260	* Transferred from Nimar Division.
	Bori ..		Bori ..	39,680	62	...	...	39,680	62	
	Saonligarh ...		Saonligarh ...	96,921	151	...	...	96,921	151	
			B Class Forests ...	7,58,184	1,185	...	...	7,58,184	1,185	
			Total for Division ...	10,56,430	1,651	1,66,400	..	12,22,830	1,911	
Narsinghpur..	Bachai ...	Narsinghpur dist.		...	...	...	...	43,900	69	
	Srinagarh ...			...	...	...	...	26,912	42	
	Chawarpatan.		B Class Forests ...	1,23,712	193	*1,118	...	14,948	23	*Correction of area.
	Khairi ..			...	...	...	...	39,070	61	
			Total for Division ...	1,23,712	193	1,118	...	1,24,830	195	

ANNUAL FORM No. 49.—[Prescribed] (Contd.)

Division.	Range.	Civil District of Territory.	Name of Forest.	Area on 1st April 1887.		Added during the year.	Excluded or transferred to other heads.	Area on 31st April 1888.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
Nimar ...	Khalibhit ...	Hoshangabad district.	Kalibhit ..	1,66,400	260	...	*1,66,400	...	...		*Transferred to Hoshangabad Division.
	Punassa ...	Nimar district...	Punassa	91,720	143	...	...	91,720	143		
			Chandgarh ...	61,440	96	...	...	61,440	96		
			Ajnal ...	1,237	2	...	...	1,237	2		
			Bainpura ...	600	1	...	...	600	1		
			Chaoria ...	170	...	...	...	170	...		
			Cunjari ...	3,500	5	...	...	3,500	5		
			Dehgaon ..	1,000	2	...	...	1,000	2		
			Kharda ...	360	1	...	...	360	1		
			Addhali ...	1,280	2	...	...	1,280	2		
			Singaji ...	14,880	23	...	...	14,880	23		
			Purni Dohad ..	5,120	8	...	...	5,120	8		
			Total ...	1,81,307	283	...	..	1,81,307	283		
	Khandwa ..	do.	Khandwa ...	35,840	56	...	...	35,840	56		
			Undria Baoria ...	3,100	5	...	...	3,100	5		
			Bhojwa ...	720	1	...	...	720	1		
			Baheria ..	1,280	2	...	...	1,280	2		
			Kanapur ...	7,680	12	..	...	7,680	12		
			Susarda ...	853	1	...	..	853	1		
			Telia ...	360	1	...	..	360	1		
			Borari ...	1,760	3	...	...	1,760	3		
			Baidya ...	6,080	9	...	...	6,080	9		
			Total ...	57,673	90	...	...	57,673	90		
	Asir ...	do.	Dehri ...	1,400	2	...	...	1,400	2		
			Mandwa ...	48,800	76		...	48,800	76		
			Amba ...	1,09,440	171	...	...	1,09,440	171		
			Total ...	1,59,640	249	...	...	1,59,640	249		
	Burhanpur ...	do.	Shamerdeo ...	70,080	110	...	...	70,080	110		
			Jambupani ..	74,080	116	...	...	74,080	116		
			Ichhadevi ...	15,200	24	...	...	15,200	24		
			Total ...	1,59,360	250	...	...	1,59,360	250		

	Piplode ...	Nimar district...	Gondwana ...	1,38,400	216	...	...	1,38,400	216	
		do.	B Class Forests ..	4,58,960	717	...	...	4,58,960	717	
			Total for Division ...	13,21,740	2,065	...	1,66,400	11,55,340	1,805	
	Hathibari ...	Bilaspur district	Hathibari ..	2,123	3	...	...	2,123	3	
	Kuntra-nala...	Raipur district..	Kuntra-nala ...	3,548	6	...	...	3,548	6	
	Dhamtari ...	do.	Balod ..	74,880	117	...	...	74,880	117	
			Sorjani ...	23,680	37	...	...	23,680	37	
			Dhamtari ...	1,24,160	194	...	...	1,24,160	194	
			Sihava ...	3,68,640	576	...	...	3,68,640	576	
			Rajim ..	16,000	25	...	...	16,000	25	
			Total ...	6,07,360	949	...	...	6,07,360	949	
Raipur ..	Raipur ..	do.	Khallari ..	62,080	97	..	...	62,080	97	
			Laun ...	1,61,280	252	...	...	1,61,280	252	
			Raipur ...	4,480	7	...	...	4,480	7	
			Sirpur ..	44,160	69	...	...	44,160	69	
			Singa ..	1,920	3	...	...	1,920	3	
			Total ...	2,73,920	428	...	...	2,73,920	428	
			Total for Division ..	8,86,951	1,386	...	...	8,86,951	1,386	
Sambalpur ..	Sambalpur...	Sambalpur dist	B Class Forests ..	4,57,600	715	...	..	4,57,600	715	
Bilaspur ..	Sonakhan ...	Bilaspur dist.	Sonakhan ...							
			Gatadehi ...	89,480	140	...	...	89,480	140	
			Cheta pandaria ..							
	Ratanpur and Baloda.	Bilaspur district.	Ratunpur ...							
			Dorki ...	80,200	125	...	...	80,200	125	
			Bitkuli pantora ...							
	Lurmi ...	do.	Lurmi ...	2,65,300	415	...	...	2,65,300	415	
			Total for Division ...	4,34,980	680	...	...	4,34,980	680	
			Grand Total ..	12,771,123	19,955	2,63,000	2,00,652	1,28,33,471	20,052	

Annual Form No. 49 A.—[*Prescribed.*]

FOREST DEPARTMENT, CENTRAL PROVINCES.

Area of Unclassed State Forests or Waste lands 1887-88.

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1887.		Added during the year.	Excluded or transferred to other heads.	Area on 1st March 1888.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
Nagpur ..		Nagpur district ..	Unclassed State Forests	4,327	7	..	...	4,327	7		
Chanda ...	Ahir ..	Ahir zamindari in Chanda district ...	New Ahiri unclassed State Forests ...	60,591	95	...	60,591	...	...	No. 4308, dated 24th August 1887.	Transferred to the Reserved forests.
	Moharli. ...	Do. ...	Muljhiri and Phuljhiri.	232			232	...	...	No 3052, dated 20th June 1887.	
Balaghat ...	...	Balaghat district ...	Unclassed State Forests.	47,231	74	*14,854	...	62,135	97		*By resumption of 25 ten year's plots, *vide* Junior Secy. to Chief Commr's. No. 326 and 343, dated 23rd March 1881.
Damoh ..	...	Damoh district ...	Do. ...	14,458	23	...	...	14,458	23		
Seoni ...	...	Seoni district ...	Do. ..	1,25,587	196	...	†3,520	1,22,067	191		†Area given out on Clearance Lease Rules.
Chhindwara .	...	Chhindwara district ..	Do.	5,906	9	...	...	5,906	9		
			Total ...	2,53,382	404	14,854	64,343	2,08,893	327		

Annual Form No. 50.—(Prescribed.)

FOREST DEPARTMENT, CENTRAL PROVINCES.

Prosecutions for breaches of Forest Rules during 1887-88.

Forest Division and Civil district.	Cases pending from 1886-87.	New cases of the year.					Total cases.	Disposed of during the year.						Cases pending at close of year.
		Injury to forest by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Total.		
								Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
Nagpur ...	...	...	2	2	...	4	4	1	1	2	4	3	5	1
Bhandara ...	3	3	7	12	...	22	25	21	120	3	15	24	135	1
Chanda ...	...	...	10	...	...	10	10	7	7	2	3	9	10	1
Wardha ...	...	...	1	4	...	5	5	3	5	1	1	4	6	1
Balaghat ..	...	...	5	...	...	5	5	5	17	...	...	5	17	...
Jubbulpore ..	...	3	24	...	1	28	28	25	55	3	21	28	76	...
Saugor ..	1	...	...	3	...	3	4	4	4	...	...	4	4	...
Damoh ...	...	...	1	...	..	1	1	1	2	...	...	1	2	...
Mandla ..	...	2	32	3	41	78	78	68	135	9	27	77	160	1
Seoni ...	...	...	5	...	...	5	5	5	7	...	...	5	7	...
Betul ..	...	...	16	...	...	16	16	11	21	5	24	16	45	...
Chhindwara ..	...	...	5	2	...	7	7	6	11	1	11	7	22	...
Hoshangabad ...	...	1	19	...	1	21	21	19	27	2	3	21	30	...
Narsinghpur ..	...	...	...	...	...	...	...	..	...	...	...	...	...	...
Nimar ..	..	...	8	5	1	14	14	12	25	1	4	13	29	1
Raipur ..	...	...	3	...	13	16	16	9	75	7	19	16	94	...
Sambalpur ...	...	...	30	...	...	30	30	22	24	8	8	30	32	...
Bilaspur ..	...	...	10	2	...	12	12	11	13	1	2	12	15	...
Total ...	4	9	178	33	57	277	281	230	547	45	142	275	689	6

Annual Form No 50 A.

FOREST DEPARTMENT, CENTRAL PROVINCES.

Return of Forest Offences reported, with detail of disposals, for the year 1887-88.

Forest Divisions and Civil Districts.	Cases pending at commencement of the year.	New cases of the year.					Total cases.	Cases in which offenders were not detected.	Balance of cases for disposal.	Disposed of during the year.								Cases pending at close of the year.	
		Injury to Forest by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.				Prosecuted, *vide* Form No. 50.		Compounded.		Dismissed as being without grounds, not proved or too trivial.		Total.			
										Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	Cases.	Persons.
Nagpur ...	19		79	4	...	122	142	...	142	4	6	124	521	...	...	128	527	14	28
Bhandara ...	3	3	311	131	12	457	460	1	459	25	145	264	1,088	40	155	329	1,388	130	560
Chanda .	56	...	1,037	782	...	1,819	2,381	27	2,354	10	11	1,778	6,857	18	25	1,806	6,893	548	1,446
Wardha ...	14	...	22	31	...	53	67	...	67	5	8	42	90	16	35	63	133	4	8
Balaghat ...	.	..	66	...	...	66	66	...	66	5	17	61	88	...	...	66	105	..	...
Jubbulpore ...	...	3	45	33	1	82	82	...	82	28	76	42	193	12	27	82	296	...	..
Saugor ..	125	...	428	298	...	726	851	...	851	4	4	701	1,653	31	88	736	1,745	115	278
Damoh ...	...	...	204	136	...	340	340	...	340	1	2	339	1,100	...	...	340	1,102	...	...
Mandla ...	..	2	218	101	41	362	362	...	362	78	161	281	399	1	1	360	561	2	2
Seoni ..	...	..	259	236	29	524	524	...	524	5	7	494	4,926	25	53	524	4,986	...	...
Betul ...	.	..	232	36	..	268	268	...	268	16	45	252	665	...	..	268	710	...	...
Chhindwara ..	600	...	28	219	..	499	1,099	...	1,099	7	22	687	840	229	280	923	1,142	176	212
Hoshangabad ..	1	1	127	33	1	162	163	...	163	21	30	138	349	4	4	163	383	...	...
Narsinghpur ...	...	...	19	14	..	33	33	...	33	...	...	29	196	...	...	29	196	4	21
Nimar ..	7	..	115	70	3	188	195	...	195	14	32	172	309	7	21	193	362	2	3
Raipur ..	28	...	191	259	136	586	614	...	614	16	94	569	2,088	8	12	593	2,194	21	97
Sambalpur ...	...	1	680	76	...	757	757	20	737	30	32	675	773	32	35	737	840	...	...
Bilaspur ..	9	...	85	81	26	192	201	...	201	12	15	156	459	.	..	168	474	33	248
Total ..	1,368	10	4,598	2,580	249	7,237	8,605	48	8,557	281	707	6,804	22,594	423	736	7,508	24,037	1,049	2,903

Annual Form No. 51.—*Prescribed.*

FOREST DEPARTMENT, CENTRAL PROVINCES:

Area of Forest tracts protected from Fire during the dry season 1887, to accompany Report for 1887-88.

Division.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1887.	During dry season of 1888.			Cost during the season.	Remarks.
				Area attempted to be protected.	Failures.	Actually protected.		
							Rs. a. p.	
Chanda ...	Ahiri-Bhimarum	June ...1873 ...	12,296	12,296	...	12,296	986 6 11	
	Do. do.	1888 ...	...	18,573	...	18,573	1,489 15 6	
	Do. Mirkalloo	1875 ...	8,479	8,479	...	8,479	1,173 2 4	
	Do. do.. ...	1888 ...	...	5,037	...	5,037	696 14 9	
	Do. Elchil ...	1888 ...	...	28,603	...	28,603	2,217 5 3	
	Moharli-Taroba block ...	1873 ...	5,527	25,619	2,085	23,534	2,105 4 6	
	Do. Goverdhun... ...	1874 ...	13,931	13,931	...	13,931	904 5 5	
	Do. Pipalkota part ...	1882 ...	14,503	16,423	..	16,423	967 6 4	
	Lohara Hill	1888 ...	...	1,831	...	1,831	316 1 7	
	Total ...	...	54,736	1,30,792	2,085	1,28,707	10,856 14 7	
Bhandara ..	Dudhara	1888 ...	...	10,044	640	9,404	58 1 4	
	Gaikhuri	1888 ...	...	77,288	3,630	73,658	190 13 6	
	Total ..	...	...	87,332	4,270	83,062	248 14 10	
Wardha ...	Dhuga whole ...	1880 ...	13,926	14,171	...	14,171	352 6 2	
	Erjhur " ...	1880 ...	11,021	11,911	...	11,911	136 5 7	
	Malaigaon " ...	1888 ...	...	6,590	...	6,590	191 8 0	
	Total ...	...	24,947	32,672	...	32,672	680 3 9	
Balaghat ...	Pandratola whole ...	1872 ...	4,817	4,817	20	4,797	88 15 2	
	Amoti ...	1888 ...	...	160	...	160		
	Total ...	...	4,817	4,977	20	4.957	88 15 2	
Jubbulpore ...	Bijeragogarh	1871 ...	19,988	21,188	...	21,188	543 14 1	
	Singrampur	1871 ...	6,555	6,555	...	6,555	173 8 6	
	Lower gour	1882 ...	5,516	5,517	...	5,517	235 9 2	
	Total ...	...	32,059	33,260	...	33,260	952 15 9	

FORM No. 51.—(Contd.)

Division.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1887.	During dry season of 1888. Area attempted to be protected.	Failures.	Actually protected.	Cost during the season.	Remarks.
							Rs. a. p	
Saugor ...	Garhakota whole ..	1875 ...	2,883	2,899	43	2,856	30 8 7	
	Hathkho	1875 ...	10,234	10,598	...	10,598	141 11 4	
	Do.	1888 ...	...	8,894	...	8,894	118 15 8	
	Rangir	1875 ...	1,987	1,987	...	1,987	7 12 9	
	Do.	1888 ...	...	9,049	...	9,049	34 12 9	
	Ranipura	1879 ..	2,720	2,720	...	2,720	20 7 4	
	Do.	1888 ...	...	5,389	...	5,389	40 8 0	
	Tigora	1879 ...	559	559	...	559	...	
	Jalandhar	1880 ..	2,885	2,885	...	2,885	29 11 9	
	Hiranpura Basa	1886 ...	1,485	1,485	...	1,485	45 0 10	
	Total ...	...	22,753	46,465	43	46,422	469 8 7	
Mandla ...	Bunjar valley	1876 ...	49,699	49,724	...	49,724	891 11 3	
	Do.	1888 ..	.	467	467	...	...	
	Motinala	1875 ...	1,658	1,658	...	1,658	60 4 4	
	Jugmandal	1867 ..	24,491	24,503	...	24,503	647 13 1	
	Chuharigogarh	1872 .	1,660	1,660	...	1,660	92 5 8	
	Barela	1878 ...	7,153	7,153	...	7,153	206 10 3	
	Airi	1867 ...	2,150	2,150	...	2,150	53 1 2	
	Topla	1886 ...	39,802	39,852	1,280	38,572	598 5 2	
	Total ...	...	1,26,613	1,27,167	1,747	125,420	2,550 2 11	
Seoni ...	Korai-range Korai block ...	1869 ..	31,210	31,210	...	31,210	541 11 3	
	Do. Sakata do. ...	1880 ...	10,020	10,020	...	10,020	173 15 4	
	Do. Oomurgarh do. ...	1888 ...	...	10,080	...	10,080	175 0 0	
	Do. Rukhar do. ...	1888 ...	...	2,240	...	2,240	50 0 0	
	East Pench-Southern part only ...	1875 ...	29,940	42,580	...	42,580	557 15 3	
	Do. Northern do. ...	1888 ...	...	39,200	...	39,200	273 5 0	
	West Pench-Nagulwari block do. ...	1878 ...	9,680	9,680	...	9,680	136 10 4	
	Do. Pasrpani do. ...	1879 ...	8,240	8,240	...	8,240	116 8 4	
	Do. Narhar do. ...	1881 ..	39,040	39,040	...	39,040	549 12 10	
	Total ...	...	1,28,130	1,92,290	...	1,92,290	2,574 14 4	

Betul	...	Bowergarh	...	...	1875	...	38,720	38,720	...	38,720	1,010	0 0
		Khamapur	...	...	1875	...	16,000	16,000	...	16,000	347	9 0
			Total	...	...		54,720	54,720	...	54,720	1,357	9 0
Hoshangabad	..	Rajaborari-Machak	...	...	1875	...	12,800	12,800	...	12,800	211	7 4
		Do. Gunjal	...	...	1875	...	54,080	54,080	...	54,080	893	6 9
		Do. Ajnal	...	...	1875	...	46,080	46,080	...	46,080	761	4 0
		Saonligarh-Deckhna		...	1875	...	49,920	49,920	...	49,920	654	7 0
		Do. Tokra	...	...	1875	...	28,160	28,160	...	28,160	369	3 0
		Do. Poplia	...	...	1886	...	10,880	10,880	...	10,880	142	10 0
		Bori Bori	...	...	1864	...	23,680	23,680	...	23,680	386	6 6
		Do. Dhain	...	...	1879	...	14,880	16,000	...	16,000	261	1 3
		Kalibheet	...	...	1874	...	44,160	62,080	25	62,055	458	6 3
			Total	...	...		2,84,640	3,03,680	25	3,03,655	4,138	4 1
Nimar	...	Punassa Block No. I		...	1875	...	7,680	7,680	6,880	800	20	7 1
		Do. „ No. II		...	1875	...	9,720	9,720	9,720	...	...	
		Do. „ No. III		..	1875	...	6,680	6,680	6,080	600	15	5 4
		Do. „ No. IV		...	1875	...	9,840	9,840	9,840	...	...	
		Do. „ No. V		...	1875	..	985	9,600	4,800	4,800	122	9 5
		Do. „ No. VI		...	1877	...	7,467	10,880	10,080	800	20	7 1
		Do. „ No. VII		..	1879	...	6,086	9,180	4,590	4,590	117	3 7
		Do. „ No. VIII		...	1880	...	8,470	8,500	4,250	4,250	108	8 9
		Do. „ No. IX		..	1881	...	8,135	8,960	2,240	6,720	171	9 11
		Do. „ No. X		...	1882	...	10.880	10,880	5,440	5,440	138	14 11
		Chandgarh	...	..	1878	...	60,930	61,440	34,916	26,524	929	6 6
		Khandwa	...	..	1878	...	35,163	35,840	250	35,590	908	6 1
		Bainpura	...	...	1879	...	600	600	...	600	10	15 5
		Gunjari	...	...	1879	...	3,500	3,500	...	3,500	35	9 5
		Undria-Baoria	...	...	1879	...	3,100	3,100	...	3,100	40	4 3
		Bhojwa-Beheria	...	...	1879	..	2,000	2,000	...	2,000	85	4 6
		Ajnal	...	...	1879	..	1,500	1,500	...	1,500	18	0 0
		Chaoria	...	...	1880	...	170	170	...	170	6	0 0
			Total	...	...		1,82,906	2,00,070	99,086	1,00,984	2,749	0 3
Raipur	...	Hathibari	...	...	1870	...	2,123	2,123	...	2,123	99	2 1
		Kuntranala	...	...	1876	..	3,548	3,548	...	3,548	111	11 0
		Rajoli	...	...	1888	..	...	2,560	112	2,448	36	0 0
			Total	...	...		5,671	8,231	112	8,119	246	13 1
			Grand Total	...	...		9,21,992	12,21,656	1,07,388	11,14,268	26,914	4 4

FORM No. 53.—[Prescribed.]

FOREST DEPARTMENT, CENTRAL PROVINCES.

Trees felled or girdled by Government Agency during the year 1887-88.

(Selection fellings.)

Division.	Trees felled or girdled.		Remarks.
	Description.	Number.	
Mandla Division	Sal trees ..	2,302	
Chanda Division	Teak trees ...	2,428	
Raipur Division ... :	Sal trees ...	772	
	Total ...	5,502	
Balaghat District	Sal trees ...	1,037	In private forests trees purchased on outturn.
	Grand Total ...	6,539	

Form No. 54.—(*Prescribed.*)

FOREST DEPARTMENT, CENTRAL PROVINCES.

Outturn of Timber and Firewood during the year 1887-88.

Division.	Description of materials.	Outturn.								Remarks.
		Selection fellings.	Clearances.	Thinnings.	Total.	Removed by				
						Government Agency.	Purchasers.	Free grants.	Right holders.	
Nagpur Reserves Class B.	Trees other than Teak and Sal No. ...	...	...	...	...	...	34			
	Teak poles and pieces No. ...	...	...	...	...	...	392			
	Poles and pieces other than Teak and Sal No..	...	...	...	...	...	1,56,634			
	Do. Cart loads ...	...	...	...	...	...	297			
	Do. Head loads ...	...	...	...	...	...	362			
	Do. Lots ...	...	...	...	...	...	2			
	Firewood Cart loads ...	...	...	...	...	...	14,581			
	Do. Head loads ...	...	...	...	...	...	23,434			
	Total ...	...	...	...	...	...	1,95,736			
Wardha Reserves Class A.	Trees other than Teak and Sal No. ..	...	...	1	1	1	...			
	Teak poles No. ...	...	...	1,076	1,076	1,076	...			
	Poles and pieces other than Teak and Sal No..	...	...	174	174	174	...			
	Firewood Cart loads ...	...	739	...	739	166	573			
	Do. Head loads ...	...	2,284	...	2,284	...	2,284			
	Do. Bullock loads ...	...	753	...	753	...	753			
	Total ...	...	3,776	1,251	5,027	1,417	3,610			

Form No. 54.—*Prescribed*—(Contd.)

Division.	Description of materials.	Outturn.								Remarks.
		Selection Fellings.	Clearances.	Thinnings.	Total.	Removed by				
						Government Agency.	Purchasers.	Free grants.	Right holders.	
Wardha Reserves Class B.	Poles and pieces other than Teak and Sal No.	...	...	.	...	...	11,777			
	Do. Cart loads ...	...	...	...	...	...	912			
	Do. Head loads ...	...	...	...	...	...	163			
	Firewood Cart loads ...	...	2,392	...	2,392	...	2,392			
	Do. Head loads ...	...	1,345	...	1,345	...	1,345			
	Do. Bullock loads ..	...	552	...	552	...	552			
	Total ...	...	...	...	...	...	17,141			
	Grand Total ...	...	...	...	...	1,417	20,751			
Bhandara Reserves Class B.	Trees other than Teak and Sal No. ...	...	...	...	...	...	42			
	Teak poles and pieces No. ...	...	...	3,868	3,868	3,473	395			
	Poles and pieces other than Teak and Sal No. .	...	...	...	...	30,978	5,863			
	Do. Cart loads ...	...	...	...	...	...	981			
	Do. Head loads ..	...	...	...	...	...	106			
	Firewood Cart loads ...	...	11,355	...	...	110	11,245			
	Do. No. ..	...	2,462	...	...	2,462	...			
	Do. Head loads ...	...	43,287	...	...	...	43,287			
	Do. 4 Bullock cart loads ...	...	468	...	...	...	468			
	Do. Maunds ...	...	17	...	...	17	...			
	Total ...	...	...	...	...	37,040	62,387			
Chanda Reserves Class A.	Teak Logs Cft ...	48,369	...	...	48,369	48,369	...			
	Logs other than Teak and Sal No. ...	...	...	125	125	...	125			
	Pit props Cft ...	...	...	15,166	...	15,166	...			
	Teak Poles No. ...	25	...	...	25	25	...			
	Poles other than Teak and Sal No. ...	...	...	59,299	59,299	51	59,248			
	Do. Cart loads ...	...	...	10	10	...	10			
	Do. Head loads ..	...	...	68	68	...	68			

Chanda Reserves Class A.—Contd.	Firewood Cart loads	...	...	5,340	...	5,340	...	5,340
	Do. Head loads	...	...	1,173	...	1,173	...	1,173
	Charcoal Cart loads	...	...	13	...	13	...	13
	Do. Head loads	...	...	358	...	358	...	358
	Do. Kawar loads	...	...	4	...	4	...	4
	Total	...	...	...	...	...	63.611	66,339
Chanda Reserves Class B.	Teak trees No.	...	11	...	...	11	...	11
	Trees other than Teak and Sal No.	...	...	...	...	...	...	76
	Teak logs No.	...	...	...	...	...	...	23
	Do. Cart loads	...	...	...	...	...	...	4
	Logs other than Teak and Sal No.	..	...	...	...	...	...	352
	Do. Cart loads	...	...	...	...	...	...	10
	Do. Head loads	...	...	...	...	...	...	1
	Teak poles and pieces No.	...	11,311	...	...	11,311	...	11,311
	Poles and pieces other than Teak and Sal No.	..	...	...	...	...	...	1,304
	Do. Cart loads	...	...	...	...	...	...	1,117
	Do. Head loads	...	...	...	...	...	...	3,236
	Firewood Cart loads	...	...	5,470	...	5,470	...	5,470
	Do. Head loads	...	...	124	...	124	...	124
	Charcoal Cart load	...	...	1	...	1	...	1
	Do. Head loads	..	...	2	...	2	...	2
	Do. Kawar loads	...	...	3	...	3	...	3
	Total	...	...	...	...	...	...	23,045
	Grand Total	...	...	...	...	...	63,611	89,384
Balaghat Reserves Class B.	Teak trees No.	...	4	...	...	4	...	4
	Sal Sleepers 10′ × 10″ × 5″ c. ft.	...	13,895	...	...	13,895	13,895	...
	Trees other than Teak and Sal No.	...	...	...	...	...	...	138
	Poles and pieces other than Teak and Sal No.	..	...	...	...	...	19	3,748
	Do. Cart loads	...	...	...	...	...	...	194
	Do. Head loads	...	...	...	...	...	...	47
	Do. Kawar loads	...	...	...	...	...	...	9
	Firewood Cart loads	...	...	6,812	...	6,812	...	6,812
	Do. Head loads	...	...	8,870	...	8,870	...	8,870
	Do. Kawar loads.	...	...	73	...	73	...	73
	Charcoal Kawar loads.	..	...	97	...	97	...	97
	Total	...	...	...	...	...	13,914	19,992

Form No. 54.—*Prescribed.*—(Contd.)

Division.	Description of materials.	Outturn.								Remarks.
		Selection Felings.	Clearances.	Thinnings.	Total.	Removed by				
						Government Agency.	Purchasers.	Free grants.	Right holders.	
Jubbulpore Reserves Class A.	Teak poles and pieces No. ...	...	...	2,021	2,021	2021	...			
	Sal props No. ...	803	...	...	803	803	...			
	Poles and pieces other than Teak and Sal No. .	...	...	11	11	10	1			
	Do. Maunds ...	...	300	...	300	300	...			
	Firewood Cart loads ...	...	16	...	16	16	...			
	Do. Maunds ...	...	214	...	214	214	...			
	Do. Bundles ...	...	5	...	5	...	5			
	Do. Kawar loads ...	...	36	...	36	...	36			
	Charcoal Kawar loads ...	...	4	...	4	2	2			
	Total ...	803	575	2,034	3,410	3,366	44			
Jubbulpore Reserves Class B.	Trees other than Teak and Sal No. ...	...	...	...	...	27	...			
	Teak poles and pieces No. ...	...	...	...	...	5	...			
	Poles and pieces other than Teak and Sal Cart loads ...	...	...	...	...	...	109			
	Do. Head loads ...	...	...	...	...	...	2,539			
	Do. No. ...	...	...	...	...	254	...			
	Do. Animal loads	...	...	...	...	...	565			
	Do. Maunds ...	...	...	...	...	20	...			
	Firewood Cart loads ...	...	...	...	...	...	5,250			
	Do. Head loads ...	...	...	...	...	...	10,107			
	Do. Animal loads ...	...	..	...	...	...	3,413			
	Do. Kawar loads ...	...	...	...	...	...	992			
	Total ...	...	...	...	...	306	22,975			
	Grand Total ...	...	...	...	...	3,672	23,019			

Saugor Reserves Class A.	Trees other than Teak and Sal No.	...	...	...	...	...	3
	Teak poles and pieces No.	...	...	...	...	...	41
	Do. Cart loads	...	...	...	...	...	5
	Poles and pieces other than Teak and Sal No.	...	...	...	...	...	1,861
	Do. Cart loads	...	...	...	...	...	21
	Do. Head loads	...	...	...	...	...	235
	Firewood Cart loads	...	...	...	...	...	729
	Do. Head loads	...	...	...	...	...	1,158
	Do. Donkey loads	...	...	...	...	...	109
	Do. Buffaloe loads	...	...	...	...	...	105
	Do. Pony loads	...	...	...	...	...	33
	Do. Basket loads	...	...	...	...	...	421
	Do. Oxen loads	...	...	...	...	...	20
	Do. Yoke loads	...	...	...	...	...	3
	Do. Piece	...	...	...	...	...	1
	Charcoal Cart load	...	...	...	...	...	1
	Do. Head loads	...	...	...	...	...	485
	Do. Buffaloe loads	...	...	...	...	...	36
	Total	...	...	...	...	...	5,267
Saugor Reserves Class B.	Teak tree	...	...	...	...	...	1
	Trees other than teak and Sal No.	...	...	...	...	...	29
	Teak poles and pieces No.	...	...	...	...	...	390
	Poles and pieces other than Teak and Sal No.	...	...	...	...	...	4,746
	Do. Cart loads	...	...	...	...	...	1,483
	Do. Head loads	...	...	...	...	...	26,086
	Do. Buffaloe loads	...	...	...	...	...	653
	Do. Yoke loads	...	...	...	...	...	2
	Do. Lots	...	...	...	...	...	6
	Firewood Cart loads	...	...	...	...	...	21,418
	Do. Head loads	...	...	...	...	...	62,072
	Do. Buffaloe loads	...	...	...	...	...	5,543
	Do. Pony loads	...	...	...	...	...	10
	Do. Yoke loads	...	...	...	...	...	1
	Do. Lots	...	...	...	...	...	1
	Charcoal Cart loads	...	...	...	...	...	88
	Do. Head loads	...	...	...	...	...	7,213
	Do. Buffaloe loads	...	...	...	...	...	736
	Total	...	...	...	...	...	1,30,478
	Grand Total	...	...	...	...	...	1,35,745

Form No. 54.—*Prescribed*—(Contd.)

Division.	Description of materials.	Outturn.								Remarks.
		Selection Fellings.	Clearances.	Thinnings.	Total.	Removed by				
						Government Agency.	Purchasers.	Free grants.	Right holders.	
Damoh Reserves Class B.	Trees other than Teak and Sal No. ...	...	...	...	...	...	62			
	Teak poles and pieces No. ...	...	...	...	...	...	1,788			
	Do. Head loads ...	...	...	...	...	...	99			
	Do. Bullock loads ..	...	...	...	...	...	2			
	Poles and pieces other than Teak and Sal No..	...	...	...	...	...	8,785			
	Do. Head loads ...	...	...	...	...	...	45,074			
	Do. Bullock loads ...	...	...	...	...	...	9,822			
	Do. Yoke loads ...	...	...	...	...	...	52			
	Do. Cattle Pans ...	...	...	...	...	...	506			
	Firewood Cart loads ...	...	...	...	...	...	3,185			
	Do. Head loads ...	...	...	...	...	...	1,05,472			
	Do. Bullock loads ...	...	...	...	...	...	20,143			
	Do. Yoke loads ...	...	...	...	...	...	14			
	Charcoal Head loads ...	..	...	...	...	...	9,502			
	Total ...	...	...	...	...	...	2,04,506			
Mandla Reserves Class A.	Sal sleepers 10′ × 10″ × 5″ Cft ...	28,914	...	...	28,914	28,914	...			
	Do. 17′ × 12″ × 6″ Do.	5,943	...	...	5,943	5,943	...			
	Sal Scantlings Do.	96	...	...	96	96	...			
	Sal Fardas No.	474	...	...	474	474	...			
	Teak poles and pieces No. ...	...	...	653	653	651	2			
	Sal poles and pieces No. ...	...	...	247	247	232	15			
	Poles and pieces other than Teak and Sal No.	...	...	504	504	418	86			
	Do. Maunds ...	...	160	...	160	160	...			
	Firewood Maunds ..	...	3,655	...	3,655	3,546	109			
	Do. Cart loads ...	...	10	...	10	...	10			
	Do. Head loads ...	...	50	...	50	...	50			
	Do. Kawar loads ...	...	24	...	24	...	24			
	Total ...	35,427	3,899	1,404	40,730	40,434	296			

Mandla Reserves Class B.	Teak poles and pieces No.	...	...	...	...	...	10	...
	Sal poles and pieces No.	...	...	...	...	...	4	...
	Poles and pieces other than Teak and Sal No.	..	...	...	...	...	432	18,900
	Firewood Cart loads	...	...	...	...	...	..	3,200
	Do. Head loads	...	...	...	...	...	...	158,603
	Total	..	...	...	...	...	446	180,703
	Grand Total	...	...	...	...	...	40,880	180,999
Seoni Reserves Class A.	Teak trees No.	...	...	...	15	15	...	15
	Trees other than Teak and Sal No.	...	...	...	483	483	...	483
	Teak Logs No.	...	6	...	...	6	...	6
	Logs other than Teak and Sal No.	..	2	...	...	2	...	2
	Teak poles and pieces No.	...	...	...	1,691	1,691	773	918
	Do. Cart loads	...	...	...	12	12	...	12
	Do. Head loads	..	...	...	3	3	...	3
	Do. Cubic feet	...	...	...	5	5	...	5
	Poles and pieces other than Teak No.	...	...	...	1,2364	12,364	44	12,320
	Do. Cart loads	...	...	...	29	29	...	29
	Do. Head loads	...	...	...	42	42	...	42
	Firewood No.	..	...	1	...	1	...	1
	Do. Cart loads	..	...	9,584	...	9,584	...	9,584
	Do. Head loads	...	...	8,476	...	8,476	...	8,476
	Total	...	8	18,061	14,644	32,713	817	31,896
Seoni Reserves Class B.	Teak trees No.	...	1,616	...	...	1,616	...	1,616
	Trees other than Teak and Sal No.	...	...	...	...	...	...	2,971
	Teak poles and pieces No.	...	...	...	...	...	...	1,904
	Poles and pieces other than Teak and Sal No.	..	...	...	...	...	...	30,800
	Do. Cart loads	...	...	...	...	...	...	1,144
	Do. Head loads	...	...	...	...	...	...	12,039
	Firewood Cart loads	...	...	6,238	...	6,238	...	6,238
	Do. Head loads	...	...	35,346	...	35,346	...	35,346
	Charcoal Cart loads	...	...	196	...	196	...	196
	Do. Head loads	...	...	8,396	...	8,396	...	8,396
	Do. Kawar loads	...	...	6	...	6	...	6
	Total	...	...	...	...	...	...	100,656
	Grand Total	...	...	...	...	...	817	132,552

Form No. 54.—*Prescribed*—(Contd.)

Division.	Description of materials.	Outturn.								Remarks.
		Selection Feelings.	Clearances.	Thinnings.	Total.	Removed by				
						Government Agency.	Purchasers.	Free grants.	Right holders.	
Betul Reserves Class A.—	Teak poles and pieces, Cart loads ...	...	...	92	92	...	92			
	Do. Joti loads ...	...	...	3,397	3,397	...	3,397			
	Do. Head loads ...	...	...	45	45	...	45			
	Other poles and pieces, Cart loads ..	...	..	511	511	...	511			
	Do. Joti loads ..	...	...	703	703	...	703			
	Do. Head loads ...	...	...	1,985	1,985	...	1,985			
	Do. No. ...	...	.	88	88	.	88			
	Firewood, Cart loads ...	...	2		2	..	2			
	Do. Head loads ...	...	44,730	...	44,730	..	44,730			
	Total ...	...	..	...	.	...	51,553			
Betul Reserves Class B.	Trees other than Teak and Sal, No. ..	..	...	...	.	.	2			
	Teak poles, No. ...	..	...	...	..	...	896			
	Poles and pieces, other than Teak and Sal feet.	...	...	...	...	...	15			
	Do. No. ..	...	...	...	...	...	234			
	Do. Cart loads ...	...	...	...	...	...	1,396			
	Do. Head loads ...	...	...	...	...	...	16,561			
	Do. Karas loads ...	...	...	...	...	...	355			
	Firewood, Cart loads ...	...	3,052	...	3,052	...	3,052			
	Do. Head loads ...	...	2,264	...	2,264	...	2,264			
	Do. Bullock loads ...	...	122	.	122	...	122			
	Do. Karas loads ...	...	277	...	277	..	277			
	Charcoal, Head loads ...	..	630	...	630	.	630			
	Do. Bullock loads ...	...	19	...	19	.	19			
	Total ...	...	.	...	...	..	25,823			
	Grand Total ...	...	...	...	..	..	77,376			

Chhindwara Reserves Class B.	Teak poles and pieces, No. ...	...	...	...	...	...	2,705
	Poles and pieces, other than Teal and Sal No.	...	...	...	...	...	61,873
	Do. Head loads ...	...	...	...	...	...	2,740
	Do. Cart loads ...	...	...	...	...	...	1,476
	Do. Yoke loads ...	...	...	...	...	...	1,777
	Firewood, Head loads ...	...	...	...	...	...	37,480
	Do. Cart loads ...	...	...	...	...	...	10,220
	Do. Yoke loads ...	...	...	...	...	...	3,476
	Do. Bangy loads ...	...	...	...	...	...	298
	Do. Donkey loads. ...	...	...	...	...	...	284
	Do. Bullock loads ...	...	...	...	...	...	1,974
	Do. Buffaloe loads ...	...	...	...	...	...	74
	Do. Pony loads ...	...	...	...	...	...	18
	Charcoal, Head loads ...	...	...	...	...	...	2,283
	Do. Cart loads ...	...	...	...	...	...	75
	Do. Bullock loads ...	...	...	...	...	...	222
	Do. Buffaloe loads ...	...	...	...	...	...	5
	Do. Pony loads ...	...	...	...	...	...	4
	Total ...	...	...	...	...	...	1,26,984
Hoshangabad Reserves Class A.	Trees other than Teak and Sal No. ...	1	...	...	1	...	1
	Logs other than Teak and Sal No. ...	111	...	...	111	...	111
	Teak poles and pieces No. ...	...	...	5,811	5,811	5,401	410
	Do. Cart loads ...	...	...	24	24	24	...
	Do. Cubic feet ...	...	...	90	90	...	90
	Teak poles and pieces Head load ...	...	...	1	1	1	...
	Poles and pieces other than Teak and Sal No.	...	...	12,661	12,661	646	12,015
	Do. Cubic feet ...	...	...	677	677	...	677
	Do. Running feet ...	...	...	99	99	...	99
	Do. Cart loads ...	...	...	1,055	1,055	2	1,053
	Do. Head loads ...	...	...	1,031	1,031	...	1,031
	Do. Joti loads ...	...	...	270	270	...	270
	Do. 4 Bullock Cart loads ...	...	...	15	15	...	15
	Do. Donkey loads ...	...	...	4	4	...	4
	Do. Yoke loads ...	...	...	8	8	...	8
	Firewood Cart loads ...	...	1,331	...	1,331	145	1,186
	Do. Head loads ...	...	2,002	...	2,002	...	2,002
	Do. 4 Bullock Cart loads ...	...	44	...	44	...	44
	Charcoal Head loads ...	...	151	...	151	1	150
	Total ...	112	3,528	21,746	2,386	6,220	19,166

Form No. 54.— *Prescribed*—(Contd)

Division.	Description of Materials.	Outturn.								Remarks.
		Section Fellings.	Clearances.	Thinnings.	Total.	Removed by.				
						Government Agency.	Purchasers.	Free grants.	Right holders,	
Hoshangabad Reserves Class B.	Teak poles and pieces No. ...	...	...	...	...	921	838			
	Poles and pieces other than teak and Sal No: .	...	...	...	...	530	1,866			
	Poles and pieces other than Teak and Sal Cart loads ...	...	...	...	..	15	6,399			
	Do. Head loads ...	..	...	...	...	3	23,511			
	Do. Joti loads ...	...	...	...	...	...	8			
	Do. 4 Bullock Cart loads ...	...	...	...	.	...	84			
	Do. Buffaloe load ..	...	...	...	...	...	1			
	Do. Bullock load ...	...	...	...	.	...	1			
	Firewood Cart loads ...	...	...	26,018	...	27	25,991			
	Do. Head loads ...	...	...	...	...	9	22,277			
	Do. 4 Bullock cart loads .	...	...	...	...	...	174			
	Do. Donkey loads ...	...	...	...	...	...	1,143			
	Do. Tons ..	...	...	...	...	...	27			
	Do. Pony loads ...	..	...	...	..	...	264			
	Charcoal Cart loads ..	..	...	...	...	...	136			
	Do. Head loads ...	...	...	...	...	...	3,472			
	Do. Buffaloe loads ...	...	...	..	...	...	3			
	Do. Donkey loads ..	..	...	...	...	...	1			
	Total	...	...	...	...	1,505	86,196			
	Grand Total ...	...	...	...	...	7,725	1,05,362			
Narsinghpur Reserves Class B.	Poles and pieces other than Teak and Sal No.	...	...	...	...	...	872			
	Do. Cart loads ...	...	...	...	...	...	51			
	Do. Head loads ..	...	...	...	...	...	7,035			
	Firewood Cart loads ..	...	...	...	...	...	12,816			
	Do. Head loads ...	...	...	...	...	...	1,364			
	Charcoal Head loads ...	...	...	...	...	...	2,386			
	Total ...	...	...	...	...	...	24,524			

Nimar Reserves Class B.	Teak poles and pieces	No.	...	...	...	1,168	1,168	...		1,168
	Do. Cart loads	..	...	...	...	4	4	...		4
	Poles and pieces other than Teak and Sal	No.	...	...	...	...	...	...		1,809
	Do. Cart loads	..	...	...	...	...	...	...		1,501
	Do. Head loads	...	...	...	...	...	...		30	1,727
	Do. 4 Bullock Cart loads	...	...	...	...	...	...	...		1
	Do. Joti loads	...	...	...	...	...	...	...		34
	Do. Bullock loads	...	...	...	...	...	...	...		71
	Do. Donga loads	...	...	...	...	...	...	...		1
	Do. Stock	..	...	...	...	...	...	...		1
	Firewood Cart loads	...	...	...	...	...	...	...		16,658
	Do. Head loads	...	...	...	...	...	...	...		730
	Do. 4 Bullock Cart loads	...	...	...	...	...	...	...		8
	Do. Bullock loads.	..	...	...	...	...	...	...		1,012
	Do. Pony loads	...	...	...	...	...	...	...		25
	Charcoal Cart loads	...	...	...	...	...	...	...		16
	Do. Head loads	...	...	...	...	...	...	...		238
	Do. Bullock loads	...	...	...	...	...	...	...		10
	Do. Pony loads	...	...	...	...	...	...	...		8
	Do. Ass loads	...	...	...	...	...	...	...		80
	Total	...	...	...	...	...	...		30	25,102
Nimar Reserves Class B.	Teak Poles and pieces	No.	...	...	...	...	...	...		1,446
	Do. Cart load	..	...	...	...	...	...	...		1
	Poles and pieces other than Teak and Sal	No.	...	...	...	...	...	...		440
	Do. Cart loads	...	...	...	...	...	...	...		1,707
	Do. Head loads	...	...	...	...	...	...	...		715
	Do. Bullock loads	...	...	...	...	...	...	...		42
	Do. Donkey loads	...	...	...	...	...	...	...		91
	Firewood Cart loads	...	...	...	...	...	...	...		6,789
	Do. 4 Bullock Cart loads	...	...	...	...	...	...	...		105
	Do. Head loads	...	...	...	...	...	...	...		947
	Do. Bullock loads	...	...	...	...	...	...	..		1,428
	Do. Pony loads	...	...	...	...	...	...	...		122
	Do. Donkey loads	...	...	...	...	...	...	...		141
	Charcoal Cart loads	...	...	...	...	...	...	...		9
	Do. Head loads	...	...	...	...	...	...	...		1,060
	Do. Pony loads	...	...	...	...	...	...	...		30
	Do. Donkey loads	...	...	...	...	...	...	...		80
	Total	...	...	...	...	...	...	...		15,153
	Grand Total	...	...	...	...	...	...		30	40,255

Form No. 54.—*Prescribed*—(Contd.)

Division.	Description of materials.	Outturn.								Remarks.
		Selction Fellings.	Clearances.	Thinnings.	Total.	Removed by				
						Government Agency.	Purchasers.	Free grants.	Right holders.	
Raipur Reserve Class A.	Logs other than Teak No. ...	6	...	...	6	...	6			
	Firewood Cart load ...	...	4	...	4	...	4			
	Total ...	6	4	...	10	...	10			
Raipur Reserve Class B.	Teak Logs No. ...	...	112	...	112	112	...			
	Sal Sleepers 10'×10"×5" Cubic feet ...	7,241	...	...	7,241	7,241	...			
	Trees other than Teak and Sal No. ...	...	...	...	...	...	13			
	Teak logs No. ...	...	4	..	4	...	4			
	Logs other than Teak and Sal No. ...	...	...	...	...	...	650			
	Teak poles and pieces No. ...	...	...	...	...	...	8			
	Do. Head loads ...	...	...	...	...	...	189			
	Poles and pieces other than Teak and Sal No.	...	...	...	...	...	931			
	Poles and pieces other than Teak and Sal Head loads ...	...	...	...	...	...	29,639			
	Do. Cart loads ...	...	...	...	...	...	2,903			
	Firewood Pieces No. ...	...	40	...	40	...	40			
	Do. Head loads ...	...	40,779	...	40,779	...	40,779			
	Do. Cart loads ...	...	10,742	...	10,742	...	10,742			
	Do. Kawar loads ..	...	3	...	3	...	3			
	Charcoal Head loads ...	...	8,232	...	8,232	...	8,232			
	Do. Cart loads ...	...	1,376	...	1,376	...	1,376			
	Do. Kawar loads ...	...	1	...	1		1			
	Total ...	...	...	..	...	7,353	95,520			
		...	...	...	...	7,353	95,520			

Sambalpur Reserves Class B.		Teak poles and pieces Cart loads	...	...	...	...	...	...	2			
		Poles and pieces other than Teak and Sal	No.	...	...	...	...	...	218			
		Do. Cart loads	...	...	...	...	...	...	21			
		Do. Head loads	...	...	...	...	...	...	1,505			
		Do. 2 Bullock loads	...	...	...	...	...	...	38,980			
		Firewood Cart loads	...	...	...	...	...	...	4,265			
		Do. Head loads	...	...	...	...	...	...	580			
		Do. 2 Bullock loads	...	...	...	...	...	...	2,041			
		Do. Bangy loads	...	...	...	...	...	...	1,979			
		Do. Boat loads	...	...	...	...	...	...	74			
		Do. Bullock loads	...	...	...	...	...	...	72			
		Do. Kawar loads	...	...	...	...	...	...	380			
		Do. Camel loads	...	...	...	...	...	...	102			
		Total	...	...	...	...	...	...	50,2 9			
Sambalpur Reserves Class B.		Poles and pieces other than Teak and Sal	No.	...	...	...	...	...	1			
		Do. Cart loads	...	...	...	...	...	...	4,795			
		Do. Head loads	...	...	...	...	...	...	24			
		Do. Kawar loads	...	...	...	...	...	...	10			
		Do. Bullock loads	...	...	...	...	...	...	13			
		Do. Buffaloe loads	...	...	...	...	...	...	15			
		Firewood Cart loads	...	...	...	...	...	...	3,939			
		Do. Head loads	...	...	...	...	...	...	23			
		Do. Kawar loads	...	...	...	...	...	...	51			
		Do. Bullock load	...	...	...	...	...	...	1			
		Charcoal Cart loads	...	...	...	...	...	...	250			
		Do. Head loads	...	...	...	...	...	...	29			
		Do. Kawar loads	...	...	...	...	...	...	279			
		Do. Bullock loads	...	...	...	...	...	...	3			
		Do. Buffalo loads	...	...	...	...	...	...	9			
		Total	...	...	...	...	...	...	9,442			

Annual Form No. 55.—(*Prescribed*).

FOREST DEPARTMENT, CENTRAL PROVINCES.

Outturn of Minor Forest produce during the year 1887-88.

Division.	Description of produce.		Produce removed or utilised.										Remarks.
			By Government agency.		By purchasers.		By free grants.		By right holders		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
				Rs.		Rs.		Rs.		Rs.		Rs.	
Nagpur Reserves, Class B.	Bamboos	No.	...	...	98,455	999					98,455	999	
	Do. materials	,,	...	...	40	3					40	3	
	Grazing cows and bullocks ...	,,	...	...	66,370	12,214					66,370	12,214	
	Do. buffaloes	,,	...	...	5,058	1,843					5,058	1,843	
	Do. goats	,,	...	...	23,576	699					23,576	699	
	Do. sheep	,,	...	...	27,466	1,068					27,466	1,068	
	Grass cart loads	...	...	...	1,446	362					1,446	362	
	Do. head loads	...	...	...	1,532	48					1,532	48	
	Do. auction	...	...	...	...	1,541					...	1,541	
	Other minor produce cart loads ...	...	...	...	2	2					2	2	
	Do. contract and auction ...	...	...	...	...	2,244					...	2,244	
	Total ...		...	...	2,23,945	21,023					2,23,945	21,023	
Wardha Reserves, Class A.	Bamboos	No.	50	3	...	...					50	3	
	Grazing buffaloes	,,	...	...	2,141	804					2,141	804	
	Do. cows and bullocks ...	,,	...	...	11,442	2,195					11,442	2,195	
	Grass cart loads	...	...	...	7,548	1,887					7,548	1,887	
	Do. head loads	...	...	...	344	11					344	11	
	Do. bullock loads ...	...	...	...	122	15					122	15	
	Do. poolas	...	14,988	139	...	...					14,988	139	
	Other minor produce maunds ...	...	53	60	...	...					53	60	
	Total ...		15,091	202	21,597	4,912					36,688	5,114	

Annual Form No. 55.—(Continued.)

Division.	Description of produce.		Produce removed or utilised. By Government agency. Quantity.	By Government agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right holders. Quantity.	By right holders. Value.	Total. Quantity.	Total. Value.	Remarks
				Rs.		Rs.		Rs.		Rs.		Rs.	
Wardha Reserves, Class B.	Bamboo materials	No.	...	...	11	...					11	...	
	Grazing buffaloes	"	...	...	8,989	2,774					8,989	2,774	
	Do. cows and bullocks ...	"	...	...	54,286	9,016					54,286	9,016	
	Do. horses	"	...	...	24	9					24	9	
	Grass cart loads	...	...	...	2,254	598					2,254	598	
	Do. head loads... ...	...	...	...	944	30					944	30	
	Do. bullock loads ...	..	...	...	271	34					271	34	
	Do. auction	...	...	...	...	1,442					...	1,442	
	Skins	No.	...	...	31	14					31	14	
	Other minor produce cart loads ...	...	...	...	177	88					177	88	
	Do. head loads	...	...	...	83	9					83	9	
	Do. contract and auction ...	...	...	...	...	734					...	734	
	Mineral products cart loads ...	...	...	...	135	17					135	17	
	Total	...	...	...	67,205	14,765					67,205	14,765	
	Grand Total	...	15,091	202	88,802	19,677					1,03,893	19,879	
Bhandara Reserves, Class B.	Bamboos	No.	24,740	707	3	...					24,743	707	
	Do. cart loads	...	...	...	660	1,324					660	1,324	
	Do. head loads	...	...	...	2,102	536					2,102	536	
	Do. 4 bullock cart loads ...	...	...	...	48	144					48	144	
	Grazing buffaloes	No.	...	...	4,327	1,673					4,327	1,673	
	Do. cows and bullocks ...	"	...	...	61,484	12,117					61,484	12,117	
	Do. goats	"	...	...	11,922	974					11,922	974	
	Do. sheep	"	...	...	6,485	318					6,485	318	
	Do. hogs	"	...	...	2	1					2	1	
	Grass poolas	...	2,100	7	900	...					3,000	7	
	Do. cart loads	...	...	...	26,958	3,494					26,958	3,494	
	Do. head loads	...	...	...	6,504	111					6,504	111	
	Do. 4 bullock cart loads ...	...	...	...	4,474	850					4,474	850	
	Do. contract and auction ...	...	...	...	...	303					...	303	

3	Horns ...	...	No.	...	...	4	1			4	1
	Hides ...	...	"	...	...	13	11			13	11
	Do. contract and auction	...	..	...	...	...	220			..	220
	Other minor produce cart loads	..	...	...	...	14	27			14	27
	Do. head loads...	...	...	...	...	6,032	174			6,032	174
	Other minor produce contract	...	...	...	...	...	2,968			...	2,968
	Mineral products cart loads	...	...	...	...	94	16			94	16
	Do. head loads ...	...	...	...	...	138	9			138	9
	Do. 4 bullock cart loads	...	...	...	...	4	1			4	1
	Fruits and flowers head loads	...	..	...	...	24	1			24	1
	Do. contract and auction	...	...	...	...	...	28			...	28
		Total	...	26,840	714	1,32,192	25,301			1,59,032	26,015
Chanda Reserves, Class A.	Bamboos ...	...	No.	7,957	321	4,61,224	5,168			4,69,181	5,489
	Bamboo materials cart loads	...	...	...	...	258	65			258	65
	Do. ...	...	No.	...	...	12,39,646	2,038			12,39,646	2,038
	Danhoonda persons	...	...	...	...	2,523	1,261			2,523	1,261
	Grazing buffaloes...	...	No.	...	...	5,471	1,282			5,471	1,282
	Do. cows and bullocks	...	"	...	...	52,030	6,033			52,030	6,033
	Do. goats ...	...	"	...	...	12,810	506			12,810	506
	Do. sheep ...	...	"	...	...	3,955	119			3,955	119
	Grass pooles ...	...	...	6,813	7	...	...			6,813	7
	Do. head loads...	...	...	...	...	1,281	25			1,281	25
	Do. cart loads ...	...	...	...	...	7,780	2,147			7,780	2,147
	Horns maunds ...	...	...	7	38	...	...			7	38
	Skins ...	...	No.	...	...	135	26			135	26
	Other minor produce	...	"	7	8	...	...			7	8
	Do. maunds ..	..	...	578	697	...	...			578	697
	Do. seers ...	...	...	...	...	12	1			12	1
	Do. head loads ...	...	-	...	...	5	..			5	...
	Do. contract and auction	...	..	...	...	...	69			...	69
	Mineral products ...	...	No.	...	...	5	...			5	...
	Fruits and flowers contract	...	...	...	..	...	61			...	61
		Total	...	15,362	1,071	17,87,135	18,801			18,02,497	19,872
Chanda Reserves, Class B.	Bamboos ...	...	No.	...	...	254	4			254	4
	Do. cart loads ...	...	...	...	...	652	1,687			652	1,687
	Do. head leads ...	...	...	...	...	18,307	1,324			18,307	1,324
	Do. matelials ...	...	No.	...	...	337	5			337	5
	Danhoonda persons	...	...	...	...	11	71			11	71
	Do. auction ...	...	...	...	...	...	2			...	2
	Grazing buffaloes...	...	No.	...	...	58,027	12,130			58,027	12,130
	Do. cows and bullocks	..	"	...	...	3,45,757	39,449			3,45,757	39,449
	Do. goats ...	...	"	...	...	91,866	4,789			91,866	4,789
	Do. sheep ...	...	"	...	...	71,180	2,177			71,180	2,177
	Do. asses ...	...	"	...	...	15	3			15	3

Annual Form No. 55.—(Continued).

Division.	Description of produce.		Produce removed or utilised.										Remarks.
			By Government agency.		By purchasers.		By free grants.		By right holders.		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
				Rs.		Rs.		Rs.		Rs.		Rs.	
Chanda Reserves, Class B. Contd.	Grass cart loads ...	... ...	...	...	211	73					211	73	
	Do. head loads ...	... ..	...	...	19	1					19	1	
	Skins ...	... No.	...	...	148	40					148	40	
	Hides ...	... "	...	...	8	2					8	2	
	Horns cart load ...	... ...	...	...	1	...					1	...	
	Do. head loads ...	... ...	...	...	37	2					37	2	
	Other minor produce	... No.	...	...	54	1					54	1	
	Do. cart loads ...	... ...	...	...	10	20					10	20	
	Do. head loads ...	... ...	...	...	1,212	63					1,212	63	
	Do. kawar load...	... ...	...	...	1	...					1	...	
	Do. khandies ...	... ...	...	...	306	1,121					306	1,121	
	Do. contract and auction	... ...	...	...	...	10,011					...	10,011	
	Mineral products cart loads	... ..	...	...	1,801	328					1,801	328	
	Do. head loads...	... ...	...	...	1,849	32					1,849	32	
	Fruits and flowers head load	... ...	...	...	1	...					1	...	
	Do. contract ...	... ...	...	...	...	6					...	6	
	Total	...	...	...	5,92,064	73,341					5,92,064	73,341	
	Grand total	...	15,362	1,071	23,79,199	92,142					23,94,561	93,213	
Balaghat Reserves, Class B.	Bamboos ...	... No.	31,689	1,113	1,28,803	1,062					1,60,492	2,175	
	Do. cart loads ...	... ...	...	...	1,504	564					1,504	564	
	Do. materials ...	... No.	25	1	586	236					611	237	
	Grazing buffaloes ...	... No.	...	...	10,572	3,282					10,572	3,282	
	Do. cows and bullocks	... "	...	...	97,504	14,858					97,504	14,358	
	Do. goats ...	... "	...	...	9,884	722					9,884	722	
	Do. sheep ...	... "	...	...	29	1					29	1	
	Do. nistar herds	... ...	...	...	1,394	790					1,394	790	

	Grass poolas ...	...	...	...	...	7,17,626	506				7,17,626	506
	Do. cart loads ...	...	...	...	...	86	11				86	11
	Do. contract and auction	..	..	...	...	...	994				...	994
	Other minor produce	...	No.	...	...	6,940	684				6,940	684
	Do. cart loads ..	...	...	...	...	59	47				59	47
	Do. head loads ...	...	..	...	...	10,209	175				10,209	175
	Do. kawar loads	...	...	...	...	14,024	1,201				14,024	1,201
	Do. mohwa gons	...	...	...	...	47	12				47	12
	Do. bullock loads	...	...	...	...	67	40				67	40
	Do. maunds ...	...	..	7,799	11,698	170	191				7,969	11,889
	Do. lease ...	...	...	...	...	...	10				...	10
	Mineral products head loads	...	...	...	...	9	...				9	...
	Do. kawar loads	...	...	...	...	26	1				26	1
	Total	...		39,513	12,812	9,99,539	25,387				10,39,052	38,199
Jubbulpore Reserves Class A.	Bamboos ...	...	No.	24,047	266	4,403	54				28,450	320
	Do. head loads...	...	..	185	5	819	124				1,004	129
	Grazing buffaloes	...	No.	...	...	30	30				30	30
	Do. cows and bullocks	...	...	...	..	6	3				6	3
	Grass poolas ...	...	...	18,30,652	1,332	59,045	7				18,89,697	1,339
	Do. head loads...	...	...	234	15	209	11				443	26
	Do. birs ...	...	...	...	...	3	91				3	91
	Do. kawar loads	...	...	112	6	66	6				178	12
	Other minor produce auction	...	...	...	..	...	147				...	147
	Do. maunds ...	...	...	6	12	..	...				6	12
	Total	...		18,55,236	1,636	64,581	473				19,19,817	2,109
Jubbulpore Reserves Class B.	Bamboos cart loads	...	..	...	...	256	273				256	273
	Do. head loads...	...	...	...	...	8,083	767				8,083	767
	Do. animal loads	...	..	...	...	838	210				838	210
	Do. kawar loads	...	...	...	...	177	54				177	54
	Grazing buffaloes	...	No.	..	...	2,696	558				2,696	558
	Do. cows and bullocks	...	"	...	...	63,509	7,964				63,509	7,964
	Do. goats ...	...	"	...	...	719	45				719	45
	Do. sheep ...	...	"	...	...	1,348	84				1,348	84
	Grass bir auction...	...	...	...	...	...	65				...	65
	Do. head load ...	...	..	...	...	1	...				1	...
	Other minor produce lease	...	...	...	...	...	1,235				...	1,235
	Total	...		...	...	77,628	11,255				77,628	11,255
	Grand Total	...		18,55,236	1,636	1,42,209	11,728				19,97,445	13,364

Annual Form No. 55.—(Continued).

Division.	Description of produce.		Produce removed or utilised.										Remarks.
			By Government agency.		By purchasers.		By free grants.		By right holders.		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
				Rs.		Rs.		Rs.		Rs.		Rs.	
Saugor Reserves, Class A.	Bamboos	No.	...	...	8,694	251					8,694	251	
	Do. head loads... ...	...	...	...	2	...					2	...	
	Grazing buffaloes	No.	...	...	2,483	552					2,483	552	
	Do. cows and bullocks ...	"	...	...	10,478	1,695					10,478	1,695	
	Do. pig	"	...	...	1	...					1	...	
	Do. sheep	"	...	...	370	23					370	23	
	Do. ponies	"	...	...	40	3					40	3	
	Do. elephant	"	...	...	1	8					1	8	
	Do. camels	"	...	...	12	6					12	6	
	Grass poolas	...	...	...	5,900	13					5,900	13	
	Do. cart loads ...	...	...	...	297	68					297	68	
	Do. head loads ...	...	...	...	3,611	81					3,611	81	
	Do. pony loads ...	...	...	...	181	11					181	11	
	Do. lease	...	...	...	...	1.957					...	1,957	
	Do. buffaloe load ...	...	...	...	1	...					1	...	
	Hides	No.	...	...	2	3					2	3	
	Do. lease	..	...	...	...	70					...	70	
	Horns	No.	...	...	3	...					3	...	
	Other minor produce cart loads ...	...	...	...	183	66					183	66	
	Do. head loads... ...	...	...	...	385	25					385	25	
	Do. donkey loads ...	..	...	...	22	...					22	...	
	Do. seers	...	...	...	63	2					63	2	
	Do. lease	...	...	...	...	262					...	362	
	Mineral products cart loads ...	...	...	...	920	70					920	70	
	Do. head loads ...	...	...	...	901	7					901	7	
	Do. donkey loads ...	...	...	...	189	3					189	3	
	Do. bull loads	...	...	...	4,164	122					4,164	122	
	Do. pony loads ...	...	...	...	24	...					24	...	
	Do. lease	...	...	...	...	23					...	23	
	Fruits and flowers	No.	...	...	10	....					10	...	
	Do. head loads... ...	..	...	...	4	...					4	...	
	Do. pony load	...	...	...	1	...					1	...	
	Total ...		...	...	38,942	5,321					38,942	5,321	

Sangor Reserves, Class B.	Bamboos ...	...	No.	...	..	1,93,037	3,087					1,93,037	3,087
	Do. head load ...	...	...	...	...	1	1					1	1
	Grazing buffaloes ...	...	No.	...	..	41,547	7,897					41,547	7,897
	Do. cows and bullocks	...	„	...	...	1,70,174	21,578					1,70,174	21,578
	Do. goats ...	...	„	...	...	8	1					8	1
	Do. sheep ...	...	„	...	...	15,232	515					15,232	515
	Do. ponies ...	...	„	...	...	691	46					691	46
	Do. donkey ...	...	„	...	...	1	...					1	...
	Do. pigs ...	...	„	...	...	11	1					11	1
	Grass cart loads ...	...	...	...	...	85	16					85	16
	Do. head loads...	...	...	...	...	3,981	40					3,981	40
	Do. buffaloe loads	...	...	...	...	86	4					86	4
	Do. lease ...	...	...	..	...	...	673					...	673
	Hides ..	...	No.	...	...	2	1					2	1
	Do. lease ...	...	...	...	...	...	456					...	456
	Other minor produce	...	No.	...	...	2	2					2	2
	Do. cart loads ...	...	..	...	...	819	243					819	243
	Do. head loads...	...	...	...	...	15,438	496					15,438	496
	Do. buffaloe loads	...	...	...	...	307	45					307	45
	Do. lease ...	...	...	...	...	...	6,698					...	6,698
	Fruits lease ...	...	...	...	...	...	1					...	1
	Mineral products cart loads	...	...	...	...	206	42					206	42
	Do. head loads...	...	...	...	...	251	1					251	1
	Do. buffaloe loads	...	...	...	...	411	11					411	11
	Do. lease ...	..	...	...	...	...	137					...	137
		Total	...	...	...	4,42,290	41,992					4,42,290	41,992
		Grand Total	...	...	...	4,81,232	47,313					4,81,232	47,313
Damoh, Reserves, Class B.	Bamboos ...	...	No.	...	...	7,167	50					7,167	50
	Do. head loads...	...	...	...	...	9,402	578					9,402	578
	Do. bullock loads	...	...	...	...	5,690	879					5,690	879
	Grazing buffaloes ...	...	No.	...	...	37,041	7,144					37,041	7,144
	Do. cows and bullocks	...	„	...	...	1,57,274	20,261					1,57,274	20,261
	Do. sheep ...	...	„	...	...	17,744	1,117					17,744	1,117
	Do. goats ...	...	„	...	...	61	5					61	5
	Do. elephants ...	...	„	...	..	27	230					27	230
	Do. ponies ...	...	„	...	...	13	2					13	2
	Grass poolas ...	...	...	...	...	3,62,500	132					3,62,500	132
	Do. cart loads ...	...	...	...	...	3	1					3	1
	Do. head loads...	...	...	...	...	39	3					39	3
	Do. contract (fields)	...	...	..	...	7	81					7	81
	Hides ...	...	No.	...	...	481	339					481	339
	Horns ...	...	„	...	...	62	5					62	5

Annual Form No. 55.—(Continued).

Division.	Description of produce.		Produce removed or utilised.										Remarks.
			By Government agency.		By purchasers.		By free grants.		By right holders.		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
				Rs.		Rs.						Rs.	
Damoh Reserves, Class B. Contd.	Other minor produce head loads ...	...	...	...	11	1					11	1	
	Do. contract ...	...	...	...	...	11,616					...	11,616	
	Do. bhatties of catechu ...	...	...	...	2	35					2	35	
	Mineral products	No.	...	...	1	20					1	20	
	Do. cart loads	...	...	...	3,796	122					3,796	122	
	Fruits contract	...	..	...	...	5					...	5	
	Total	...	...	...	6,01,321	42,626					6,01,321	42,626	
Mandla, Reserves, Class A.	Bamboos	No.	1,10,150	1,025	16,150	117					1,26,300	1,142	
	Do. head loads... ...	...	...	...	1,697	107					1,697	107	
	Grazing buffaloes	No.	...	...	848	170					848	170	
	Do. cows and bullocks ...	"	...	...	9,193	1,189					9,193	1,189	
	Do. passing cows ...	"	...	...	252	1					252	1	
	Grass poolas	...	30,000	21	78,300	39					1,08,300	60	
	Do. head loads ...	...	...	...	122	2					122	2	
	Do. contract	...	...	...	...	9					...	9	
	Hides	No.	9	16	6	4					15	20	
	Do. contract	...	...	...	...	25					...	25	
	Horns	No.	...	...	5	1					5	1	
	Do. maunds	...	9	45	...	...					9	45	
	Skins	No.	...	...	2	1					2	1	
	Other minor produce ...	"	...	...	1,600	2					1,600	2	
	Do. maunds	...	1,937	2,762	...	...					1,937	2,762	
	Do. cart load	...	...	...	1	...					1	...	
	Do. head loads	...	...	...	459	26					459	26	
	Do. kawar loads ..	...	...	...	95	9					95	9	
	Do. bundles	...	...	...	41	3					41	3	
	Do. contract	..	...	...	...	3					...	3	
	Fruits and flowers contract ...	...	...	...	...	2					...	2	
	Total	...	1,42,106	3,869	1,08,771	1,710					2,50,876	5,579	

Mandla Reserves, Class B.	Bamboos	No.	...	...	2,38,275	1,787					2,38,275	1,787
	Grazing buffaloes	"	...	...	50,400	9,451					50,400	9,451
	Do. cows and bullocks ...	"	...	...	3,07,352	38,419					3,07,352	38,419
	Do. swine	"	...	...	56,544	3,534					56,544	3,534
	Do. goats	"	...	...	28,272	1,767					28,272	1,767
	Do. sheep	"	...	...	9,520	595					9,520	595
	Other minor produce contract ...	..	...	...	...	10,663					...	10,663
	Do. maunds	...	3,535	3,755	...	...					3,535	3,755
	Total	...	3,535	3,755	6,90,363	66,216					6,93,898	69,971
	Grand Total	...	1,45,640	7,624	7,99,134	67,926					9,44,774	75,550
Seoni Reserves, Class A.	Bamboos	No.	10,056	178	7,17,161	8,684					7,27,217	8,862
	Do. head load	...	...	...	1	...					1	...
	Do. cart loads	...	...	...	349	52					349	52
	Grazing buffaloes	No.	...	...	3,564	906					3,564	906
	Do. cows and bullocks ...	"	...	...	25,248	4,883					25,248	4,883
	Do. goats	"	...	...	1,024	51					1,024	51
	Do. sheep	"	...	...	5	...					5	...
	Do. passing cattle ...	"	...	...	22,147	219					22,147	219
	Do. ponies	"	...	...	4	1					4	1
	Grass poolas	...	...	...	2,18,375	75					2,18,375	75
	Do. cart loads	..	...	...	9,492	1,332					9,492	1,332
	Do. head loads... ...	.	...	...	1,997	32					1,997	32
	Do. kawar loads ...	..	...	...	21	3					21	3
	Do. contract	...	...	...	...	277					...	277
	Horns	No.	...	...	202	8					202	8
	Do. head loads... ...	...	...	...	8	2					8	2
	Skins	No.	...	...	19	9					19	9
	Do. contract	...	...	...	...	124					...	124
	Other minor produce ...	No.	...	...	..	...					...	...
	Do. cart loads	...	...	...	32	31					32	31
	Do. head loads... ...	...	...	...	2,293	92					2,293	92
	Do. kawar loads ...	...	...	...	169	21					169	21
	Do. contract	...	...	...	...	584					...	584
	Do. seers	...	...	...	41	3					41	3
	Do. koodoos	...	...	...	13	1					13	1
	Do. bhatti of catechu auction...	..	...	...	...	50					...	50
	Fruits and flowers	No.	...	...	792	18					792	18
	Mineral products cart loads ...	...	...	...	33	17					33	17
	Do. head loads... ...	...	...	...	33	2					33	2
	Do. contract	...	...	...	...	2					...	2
	Do. maund	...	...	...	1	1					1	1
	Do. kawar loads ...	...	...	...	54	3					54	3
	Total	...	10,056	178	10,03,078	17,483					10,13,122	17,661

Annual Form No. 55.—(Continued).

Division.	Description of produce.		Produce removed or utilised. By Government agency. Quantity.	By Government agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right holders. Quantity.	By right holders. Value.	Total. Quantity.	Total. Value.	Remarks.
				Rs.		Rs.						Rs.	
Seoni Reserves, Class B.	Bamboos	No	...	...	1,80,021	1,682					1,80,021	1,682	
	Do. head loads... ...	...	...	...	3,443	380					3,443	380	
	Do. kawar loads ...	...	...	...	3	...					3	...	
	Grazing buffaloes	No.	...	...	25,332	4,750					25,332	4,750	
	Do. cows and bullocks ...	"	...	...	2,01,376	25,172					2,01,376	25,172	
	Do. goats	"	...	...	14,554	455					14,554	455	
	Do. sheep	"	...	...	114	4					114	4	
	Grass cart loads	...	...	...	13	2					13	2	
	Do. head loads	...	...	...	6	...					6	...	
	Other minor produce contract ...	..	...	...	...	2,492					...	2,492	
	Mineral products cart loads ...	...	...	...	5	1					5	1	
	Total ...		...	...	4,24,867	34,938					4,24,867	34,938	
	Grand Total ..		10,056	178	14,27,933	52,421					14,37,989	52,599	
Betul Reserves, Class A.	Bamboos	No.	...	...	48,927	489					48,927	489	
	Grazing buffaloes	No.	...	...	3,671	918					3,671	918	
	Do. cows and bullocks ...	"	...	...	14,586	1,823					14,586	1,823	
	Do. goats	"	...	...	463	14					463	14	
	Grass cart loads	...	...	...	473	63					473	63	
	Do. head loads... ...	..	...	...	1,282	20					1,282	20	
	Do. bullock loads ...	...	...	...	18	2					18	2	
	Horns	No.	...	..	7	...					7	...	
	Do. contract	...	...	...	...	6					...	6	
	Skins	No.	...	...	1	2					1	2	
	Do. contract	...	...	...	...	55					...	55	
	Other minor produce contract ...	...	...	...	...	843					...	843	
	Do. maunds	...	...	...	10	10					10	10	
	Total ..		...	...	69,438	4,245					69,438	4,245	

Betul Reserves, Class B.	Bamboos	No.	...	...	5,63,743	6,158				5,63,743	6,158
	Grazing buffaloes	"	...	...	10,919	4,270				10,919	4,270
	Do. cows and bulloks ...	"	...	...	92,116	18,347				92,116	18,347
	Do. goats	"	...	...	27,614	1,017				27,614	1,017
	Do. sheep	"	...	...	3,502	137				3,502	137
	Do. camels	"	...	...	14	6				14	6
	Do. asses	"	...	...	44	9				44	9
	Grass cart loads	...	...	...	5,335	1,015				5,335	1,015
	Do. head loads... ...	...	...	...	39,911	1,002				39,911	1,002
	Do. bullock loads ...	...	...	...	3,091	261				3,091	261
	Do. pony loads... ...	...	...	...	6	...				6	...
	Horns head loads... ...	...	...	...	20	2				20	2
	Do. bullock loads ..	...	...	...	6	3				6	3
	Skins cart loads ...	...	...	...	16	34				16	34
	Do. head loads... ...	..	...	...	568	57				568	57
	Do. bullock loads ...	...	...	...	145	76				145	76
	Do. pony loads... ...	...	...	...	2	2				2	2
	Do. auction	...	...	...	...	1				...	1
	Other minor produce cart loads ...	...	...	...	124	33				124	33
	Do. head loads... ...	...	...	...	2,483	91				2,483	91
	Do. bullock loads ...	...	...	...	105	55				105	55
	Do. ass loads	...	...	...	2	1				2	1
	Do. contract	...	...	...	...	4,580				...	4,580
	Do. maunds	...	...	...	6	50				6	50
	Mineral products cart loads ...	...	...	...	212	87				212	87
	Do. head loads.. ...	..	...	...	81	5				81	5
	Do. bullock loads ...	...	...	...	62	18				62	18
	Do. ass loads	...	...	...	62	4				62	4
	Total	...	...	...	7,50,189	37,321				7,50,189	37,321
	Grand Total	..	...	...	8,19,627	41,566				8,19,627	41,566
Chhindwara Reserves, Class B.	Bamboos	No.	...	...	1,41,603	2,444				1,41,603	2,444
	Do. head load	...	...	...	1	...				1	...
	Do. cart loads	...	...	...	67	6				67	6
	Grazing buffaloes... .	No.	...	...	15,436	5,169				15,436	5,169
	Do. cows and bullocks ...	"	...	...	1,35,223	23,525				1,35,223	23,525
	Do. goats	"	...	...	4,734	60				4,734	60
	Do. sheep	"	...	...	21,022	861				21,022	861
	Do. horses	"	...	...	20	3				20	3
	Grass poolas	...	...	...	1,110	2				1,110	2
	Do. head loads	...	...	...	42,812	243				42,812	243
	Do. cart loads	...	...	...	13,131	2,455				13,131	2,455

Annual Form No. 55.—(Continued).

Division.	Description of produce.	Produce removed or utilised.										Remarks.
		By Government agency.		By purchasers.		By free grants.		By right holders.		Total.		
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
					Rs.						Rs	
Chhindwara Reserves. Class B.—(Contd.)	Grass yoke loads...	...	...	33	2					33	2	
	Do. bangy loads	...	...	4	...					4	...	
	Do. bullock loads	...	...	1,118	35					1,118	35	
	Do. camel loads	...	...	6	1					6	1	
	Do. pony loads...	...	...	36	1					36	1	
	Horns ... ... No.	...	...	3	...					3	...	
	Do. head loads...	...	...	6	1					6	1	
	Do. yoke loads...	...	...	15	1					15	1	
	Skins ... ... No.	...	...	40	27					40	27	
	Do. lease	...	...	...	194					...	194	
	Other minor produce brooms ... No.	...	...	278	1					278	1	
	Do. head loads	...	...	16,665	100					16,665	100	
	Do. cart loads	...	...	1,420	178					1,420	178	
	Do. yoke loads...	...	...	161	8					161	8	
	Do. bangy loads	...	...	138	1					138	1	
	Do. donkey loads	...	...	13	...					13	...	
	Do. bullock loads	...	...	23	1					23	1	
	Do. pony load	...	...	1	...					1	...	
	Do. seers	...	...	5	2					5	2	
	Do. kooroos	...	...	7	1					7	1	
	Do. auction and lease	...	...	...	4,511					...	4,511	
	Mineral products head loads	...	..	37	...					37	...	
	Do. cart loads	...	...	37	4					37	4	
	Do. bullock loads	...	...	35	1					35	1	
	Do. lease	...	...	...	11					...	11	
	Fruits and flowers head loads	...	...	9	...					9	...	
	Do. lease	...	...	...	25					...	25	
	Total ...	...	...	3,95,249	39,875					3,95,249	39,875	

Hoshangabad Reserves, Class A.	Bamboos ...	...	No.	...	...	6,20,402	7,066					6,20,402	7,066
	Do. cart load ...	...	...	...	..	1	1					1	1
	Do. head loads...	...	..	...	...	3,467	217					3,467	217
	Do. bangy loads	...	...	..	..	533	50					533	50
	Do. bullock loads	...	..	...	...	113	11					113	11
	Grazing buffaloes ...	...	No.	...	...	11,848	2,496					11,848	2,496
	Do. cows and bullocks	...	"	...	...	60,410	7,025					60,410	7,025
	Do. goats ...	...	"	...	...	963	77					963	77
	Do. sheep ...	...	"	...	...	421	17					421	17
	Do. ponies ...	...	"	...	...	397	63					397	63
	Do. camels ...	...	"	...	...	32	4					32	4
	Do. donkeys ...	...	"	...	...	21	4					21	4
	Do. pigs ...	...	"	...	...	21	5					21	5
	Grass cart loads ...	...	...	...	...	5,354	1,440					5,354	1,440
	Do. head loads ..	...	...	...	...	2,851	89					2,851	89
	Do. 4 bullock cart loads	...	...	...	...	47	18					47	18
	Do. buffaloe loads	...	...	...	...	24	9					24	9
	Do. pony loads...	...	..	...	...	149	12					149	12
	Grass poolas ...	...	...	80,000	160	...	...					80,000	160
	Hides ...	...	No.	3	4	777	158					780	162
	Do. contract ...	...	...	...	...	...	135					...	135
	Do. cart loads ...	...	...	5	3	...	...					5	3
	Other minor produce cart loads	...	...	...	...	79	121					79	121
	Do. head loads...	...	...	...	...	96	6					96	6
	Do. pony loads...	...	...	...	...	3	...					3	...
	Do. bullock load	...	...	...	...	1	1					1	1
	Do. maunds ...	...	...	31	63	371	134					402	197
	Do. contract ...	...	...	...	...	...	309					...	309
	Horns ...	...	No.	4	...	293	5					297	5
	Do. maunds ...	...	...	...	...	5	3					5	3
	Do. contract ...	...	...	...	...	...	5					...	5
	Fruit contract ...	...	...	...	...	...	14					...	14
		Total	...	80,043	230	7,08,679	19,495					7,88,722	19,725
Hoshangabad Reserve, Class B.	Bamboos ...	...	No.	185	4	8,97,204	8,471					8,97,389	8,475
	Do. cart loads ...	...	...	...	...	27	40					27	40
	Do. head loads...	...	..	..	...	5,237	490					5,237	490
	Do. 4 bullock cart loads	.	..	...	...	12	30					12	30
	Grazing buffaloes ...	...	No.	...	...	13,528	4,905					13,528	4,905
	Do. cows aud bullocks	...	"	...	...	78,271	14,192					78,271	14,192
	Do. goats ...	...	"	...	...	3,958	147					3,958	147
	Do. sheep ...	...	"	...	...	725	42					725	42
	Do. ponies ...	...	"	...	...	4	...					4	...
	Do. camels ...	...	"	...	...	15	4					15	4
	Do. donkeys ...	...	"	..	...	18	...					18	...

Annual Form No. 55.—(Continued.)

Division.	Description of produce.		Produce removed or utilised.										Remarks.
			By Government agency		By purchasers.		By free grants.		By right holders.		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
				Rs.		Rs.		Rs.		Rs.		Rs.	
Hoshangabad Reserves, Class B.—(Contd.)	Grass cart loads ...	... ...	...	...	2,972	372					2,972	372	
	Do. head loads...	... ...	...	...	9,012	70					9,012	70	
	Do. 4 bullock cart loads	... ...	...	...	4	1					4	1	
	Do. auction ...	... ...	...	...	...	1,202					...	1,202	
	Hides ...	... No.	...	...	2	...					2	...	
	Do. head loads...	... ...	...	...	4	...					4	...	
	Do. pony loads...	... ...	...	...	2	1					2	1	
	Do. contract ..	... ...	...	...	...	611					...	611	
	Horns head loads ..	... ...	...	...	8	1					8	1	
	Do. pony loads ...	... ...	...	...	13	3					13	3	
	Other minor produce	... No.	...	...	159	238					159	238	
	Do. cart loads ...	... ...	10	69	6,541	1,554					6,551	1,623	
	Do. head loads...	... ...	...	...	25,094	802					25,094	802	
	Do. 4 bullock cart loads	... ...	...	...	108	60					108	60	
	Do. buffaloe loads	... ..	...	...	149	18					149	18	
	Do. pony loads...	... ..	...	...	47	46					47	46	
	Do. maunds ...	... ...	148	67	19	8					167	75	
	Do. auction ...	... ...	...	...	...	395					...	395	
	Do. licenses persons	... ...	...	...	188	395					188	395	
	Mineral products cart loads	... ...	...	...	904	286					904	286	
	Do. head loads...	... ..	...	...	1,142	13					1,142	13	
	Do. 4 bullock cart load	... ...	...	...	1	...					1	...	
	Mineral products buffaloe loads	... ...	...	...	9	1					9	1	
	Do. bullock loads	... ..	...	...	391	12					391	12	
	Do. donkey loads	... ...	...	...	284	9					284	9	
	Do. pony loads...	... ...	...	...	4	...					4	...	
	Fruits and flowers head loads	... ..	...	...	18	1					18	1	
	Do. contract ...	... ...	...	...	...	65					...	65	
	Peacock feathers ...	... No.	...	...	200	...					200	...	
	Do. head loads...	... ...	...	...	28	1					28	1	
	Total	...	343	140	10,46,302	34,486					10,46,645	34,626	
	Grand Total	..	80,386	370	17,54,981	53,981					18,35,367	54,351	

Narsinghpur Reserves, Class B.	Bamboos ...	...	No.	...	...	1,82,337	1,682				1,82,337	1,682
	Grazing buffaloes ...	...	"	...	...	3,336	1,311				3,336	1,311
	Do. cows and bullocks	...	"	...	...	17,635	3,503				17,635	3,503
	Do. goats ...	...	"	...	...	877	82				877	82
	Do. sheep ...	...	"	...	...	510	32				510	32
	Mineral products head loads	...	...	...	...	17	2				17	2
	Other minor produce cart loads	...	...	...	...	619	155				619	155
	Do. head loads ..	...	...	...	...	4,486	193				4,486	193
	Do. lease ...	...	..	...	...	...	980				...	980
	Total		...	...	...	2,09,817	7,940				2,09,817	7,940
Nimar Reserves, Class A.	Bamboos ...	...	No.	...	...	4,35,297	4,553				4,35,297	4,553
	Do. cart loads ...	...	...	...	...	864	1,729				864	1,729
	Do. head loads ...	...	..	...	...	6,296	786				6,296	786
	Do. bullock loads	...	..	...	...	200	50				200	50
	Grazing buffaloes ...	...	No.	...	...	18,535	6,009				18,535	6,009
	Do. cows and bullocks	...	"	...	...	84,861	13,755				84,861	13,755
	Do. goats and sheep	...	"	...	...	8,664	533				8,664	533
	Do. ponies ...	...	"	...	...	27	4				27	4
	Do. camels ...	...	"	...	...	111	55				111	55
	Do. donkeys ...	...	"	...	...	84	16				84	16
	Grass cart loads ...	...	...	...	...	11,513	2,279				11,513	2,279
	Do. head loads...	...	...	...	...	6,121	222				6,121	222
	Do. bullock loads	...	...	...	...	1,699	106				1,699	106
	Do. pony loads...	...	...	...	...	514	32				514	32
	Do. ass loads ...	...	...	...	...	255	16				255	16
	Do. donga loads	...	...	...	...	10	15				10	15
	Do. contract ...	...	...	...	...	...	40				...	40
	Hides ...	...	No	...	...	30	31				30	31
	Do. contract ...	...	...	...	...	...	267				...	267
	Horns ...	...	No.	...	...	1	...				1	...
	Do. head loads...	...	...	...	...	7	2				7	2
	Do. seers ...	...	..	...	...	42	4				42	4
	Other minor produce	...	No.	...	...	1	4				1	4
	Do. cart loads ...	...	...	...	...	1,166	245				1,166	245
	Other minor produce head loads	...	..	...	...	4,164	273				4,164	273
	Do. bullock loads	...	...	...	...	36	8				36	8
	Do. animal loads	...	...	...	...	415	193				415	193
	Do. ass loads ..	...	...	...	...	3	1				3	1
	Do. contract ...	...	...	...	...	...	317				...	317
	Do. seers ...	...	...	13	...	...	...				13	...
	Mineral products sand brasses	...	...	...	...	18	23				18	23
	Do. cart loads ...	...	...	...	...	14	1				14	1
	Do. head loads...	...	...	...	...	48	3				48	3
	Do. bullock loads	...	...	...	...	235	59				235	59

Annual Form No. 55.—(Continued).

Division.	Description of produce.		Produce removed or utilised. By Government agency. Quantity.	By Government agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right holders. Quantity.	By right holders. Value.	Total. Quantity.	Total. Value.	Remarks.
				Rs.		Rs.						Rs.	
Nimar Reserves, Class A.—(Contd.)	Do. cubic feet ...	... ...	...	...	1,91,403	205					1,91,403	205	
	Fruits and flowers ...	... No.	1,203	14	649	1					1,852	15	
	Do. cart load ...	... ...	...	...	1	1					1	1	
	Do. head loads...	... ...	...	...	188	3					188	3	
	Do. contract ...	... ...	...	...	...	36					...	36	
	Total	...	1,216	14	7,73,472	31,877					7,74,688	31,891	
Nimar Reserves, Class B.	Bamboos cart loads	... ...	...	...	1,927	3,854					1,927	3,854	
	Do. head loads ...	... ...	...	...	638	80					638	80	
	Do. materials ...	... No.	...	...	4	1					4	1	
	Grazing buffaloes ...	... ,,	...	...	14,195	4.317					14,195	4,317	
	Do. cows and bullocks	... ,,	..	...	51,836	8,248					51,836	8,248	
	Do. goats and sheep	... ,,	..	...	1,161	90					1,161	90	
	Do. ponies ...	... ,,	...	...	52	10					52	10	
	Do. donkeys ...	... ,,	...	...	64	12					64	12	
	Grass poolas ...	... ...	...	...	50	...					50	...	
	Do. cart loads ...	... ...	...	...	7,431	1,894					7,431	1,894	
	Do. 4 bullock cart loads	... ...	...	...	27	14					27	14	
	Do. head loads...	... ...	...	...	331	21					331	21	
	Do. bullock loads	... ...	...	...	1,949	122					1,949	122	
	Do. pony loads...	... ...	...	...	1,954	122					1,954	122	
	Do. donkey loads	... ...	...	...	66	4					66	4	
	Hides ...	... No.	...	...	5	4					5	4	
	Do. contract ...	... ...	...	...	...	225					...	225	
	Horns head load ...	... ...	...	...	1	...					1	...	
	Do. pony load ...	... ...	...	...	1	1					1	1	
	Other minor produce contract	... ...	...	...	...	125					...	125	
	Do. cart loads ...	... ...	...	...	1,672	314					1,672	314	
	Do. 4 bullock cart load	... ...	...	...	1	4					1	4	
	Do. head loads...	.. ...	...	...	2,506	157					2,506	157	

	Do. bullock loads	...	...	...	...	59	15				59	15
	Do. pony olads...	...	..	...	...	4	1				4	1
	Do. donkey loads	...	...	...	...	21	3				21	3
	Do. buffaloe loads	...	...	...	...	5	1				5	1
	Do. animal loads	...	...	...	...	50	50				50	50
	Mineral products ...	...	No.	...	...	1,500	2				1,500	2
	Do. cart loads ...	...	...	...	...	4	5				4	5
	Do. cubic feet ...	...	..	...	...	12,185	8				12,185	8
	Fruits and flowers ...	...	No.	...	...	1,050	5				1,050	5
	Do. head loads ...	...	..	...	...	21	1				21	1
	Do. bullock loads	...	...	...	...	1	...				1	...
	Do. contract ...	...	...	...	...	...	47				.	47
	Total		...	...	...	1,00,771	19,757				1,00,771	19,757
	Grand Total		...	1,216	14	8,74,243	51,634				8,75,459	51,648
Raipur Reserves, Class A.	Bamboos	...	No.	407	5	2,722	28				3,129	33
	Grass head loads ...	...	...	...	...	4	...				4	
	Do. cart loads...	...	...	...	...	45	24				45	24
	Do. kawar loads	...	...	...	...	10	1				10	1
	Other minor produce maunds	...	...	9	36	...	...				9	36
	Total		...	416	41	2,781	53				3,197	94
Raipur Reserves, Class B.	Bamboos ...	...	No.	...	...	2,37,719	1,472				2,37,719	1,472
	Grazing buffaloes...	..	"	...	...	15,899	4,344				15,899	4,344
	Do. cows and bullocks	...	"	...	..	97,226	14,477				97,226	14,477
	Do. goats and sheep	...	"	...	...	5,110	390				5,110	390
	Grass head loads ...	...	...	...	...	13,276	767				13,276	767
	Do. poolas ...	...	...	...	...	12,100	32				12,100	32
	Do. cart loads ...	..	...	...	...	5,869	8,834				5,869	8,834
	Do. kawar loads	...	..	...	...	2	...				2	...
	Do. contract ...	...	...	...	...	...	7,868				...	7,868
	Hides contract ...	...	..	...	...	...	429				...	429
	Other minor produce cart load	...	...	...	...	1	3				1	3
	Do. kawar loads	...	...	...	...	2	5				2	5
	Do. compensation	...	...	...	...	...	740				...	740
	Do. contract ...	...	...	...	...	...	7,343				...	7,343
	Total		...	...	...	3,87,204	46,704				3,87,204	46,704
	Grand Total		..	416	41	3,89,985	46,757				3,90,401	46,798

Annual Form No. 55.—(Continued).

Division.	Description of produce.		Produce removed or utilised.										Remarks.
			By Government agency.		By purchasers.		By free grants.		By right holders.		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
				Rs.		Rs.		Rs.		Rs.		Rs.	
Sambalpur Reserves, Class B.	Bamboos	No.	...	...	2,994	2					2,994	2	
	Do. cart loads	...	...	...	1,209	156					1,209	156	
	Do. head loads	...	...	...	22	...					22	..	
	Do. two bullock loads ...	..	...	...	4,233	128					4,233	128	
	Do. banghy loads ...	...	...	...	1,067	16					1,067	16	
	Do- kawar loads ...	...	...	...	230	4					230	4	
	Grazing buffaloes ...	No.	...	...	3,469	424					3,469	424	
	Do. cows and bullocks ...	,,	...	...	22,853	1,401					22,853	1,401	
	Do. goats and sheep ...	,,	...	...	1,163	36					1,163	36	
	Other minor produce poolas ...	...	...	...	18,000	18					18,000	18	
	Do. bungy loads ...	...	...	...	226	3					226	3	
	Do. bullock loads ...	...	...	...	178	3					178	3	
	Do. Maunds	...	..	...	524	69					524	69	
	Do. bundles	...	...	...	852	1					852	1	
	Do. kawar loads ...	...	...	...	324	5					324	5	
	Do. contract lease ...	...	...	...	...	17					...	17	
	Horns maunds		...	...	6	3					6	3	
	Total	...	...	...	57,350	2,286					57,350	2,286	
Bilaspur Reserves, Class B.	Bamboos	No.	...	...	1,13,161	800					1,13,161	800	
	Do. cart loads	...	...	...	2,542	1,907					2,542	1,907	
	Do. head loads... ...	...	...	...	19	1					19	1	
	Do. kawar loads ...	...	...	...	63	3					63	3	
	Do. bullock loads ...	...	...	...	3	...					3	...	
	Grazing buffaloes ...	No.	...	...	4,391	823					4,391	823	
	Do. cows and bullocks ...	,,	...	...	26,224	3,278					26,224	3,278	
	Do. goats	,,	...	...	503	31					503	31	
	Do. pony	,,	...	...	1	...					1	...	

Grass Cart loads ...	...	...	...	...	12,060	4,630				12,060	4,630
Do. head loads...	...	...	...	...	190	6				190	6
Do. kawar loads	...	...	...	...	713	33				713	33
Do. bullock loads	...	...	...	..	4	...				4	...
Other minor produce	...	No	...	...	2	1				2	1
Do. cart loads ...	...	...	...	...	1,065	466				1,065	466
Do. head loads...	...	...	...	...	559	300				559	300
Do. kawar loads	...	...	...	...	521	711				521	711
Do. bullock loads	...	...	...	...	530	128				530	128
Do. contract ...	...	...	...	...	...	213				...	213
Do. gons ...	...	...	...	...	81	20				81	20
Hides ...	...	No.	...	...	106	49				106	49
Do. head loads	...	...	...	...	6	3				6	3
Do. contract ...	...	..	...	...	...	86				...	86
Mineral products kawar loads	...	...	...	...	23	1				23	1
Total	...		...	...	1,62,686	13,490				1,62,686	13,490
Abstract of Reserved Forests Class A.											
Bamboos ...	...	...	...	1,803	...	32,901				...	34,704
Grazing ...	...	...	...	...	...	53,497				...	53,497
Grass ...	...	...	...	1,680	...	12,487				...	14,167
Other minor produce	...	...	...	3,758	...	5,485				...	9,243
Total	...		...	7,241	...	1,04,370				...	1,11,611
Abstract of Reserved Forests (Class B.											
Bamboos ...	..	...	...	1,825	...	45,454				...	47,279
Grazing ...	...	...	...	..	...	3,87,156				...	3,87,156
Grass ...	...	...	...	7	...	43,274				...	43,281
Other minor produce	...	...	...	15,589	...	82,819				...	98,408
Total	...		...	17,421	...	5,58,703				...	5,76,124
Grand Total	...		...	24,662	...	6,63,073				...	6,87,735

Annual Form No. 55.—(Continued.)

Division.	Description of produce.	Produce removed or utilised.										Remarks.
		By Government agency.		By purchasers.		By free grants.		By right holders.		Total.		
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
	Total value as per Form No. 55 ...									...	6,87,735	
	Add value of Other Minor Produce of previous year sold during the year									2,129		
	Do. Outstanding of previous year realized during the year									2,453		
	Do. Amount received in advance									4,466		
	Do. Amount wrongly classified under R. II. *e.*									6		
											9,054	
	Total ...									...	6,96,789	
	Deduct value of produce received but not sold during the year									2,703		
	Do. Outstandings on account of sale of the year									3,504		
	Do. Amount included under head R. III.									150		
	Do. Amount wrongly classified under R. II. instead of R. II. *d.*									403		
	Do. Commission paid to License Vendors not deducted from the Revenue shown in Monthly Form No. 10. ...									1,281		
											8,041	
	Total Revenue under R. I. *c.*, I. *e.*, II. *c.*, II. *d.*, and II. *e.* ...										6,88,748	

A. means the old 1st Class Reserves formerly so called.
B. the other Government Forests.

Annual Form No. 56.—[*Prescribed.*]

FOREST DEPARTMENT, CENTRAL PROVINCES.

Account of Timber and other Produce cut or collected by Government agency, and brought to sale Depôts or sold locally during the year 1887-88.

Particulars.	Number or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Balance at commencement of the year—				
Teak logs ...	29	589		
Teak B. G. sleepers 598-2076.				
Teak N. G. sleepers 732-1219.				
Teak sleepers 3½ × 5 × 5 39 23.				
Ditto 3 × 5 × 5 63 32.				
Ditto 3 × 3 × 3 36 6 ...	1,468	3,356		
Sal sleepers 10 × 10 × 10 ...	16	56		
Sleepers, B. G. other than teak and sal ..	2,457	8,530		
Teak scantlings ...	4,673	5,006		
Sal scantlings ...	6	33		
Teak planks ..	2,175	834		
Planks, other than teak and sal ...	935	516		
Teak poles and pieces ..	9	...		
Poles and pieces, other than teak and sal ..	960	...		
Teak furdays or slabs ..	93	251		
Pti props ..	13	...		
Bambus ..	19	...		
Grass poolas ..	22,025	.		
			34,878	19,171
Received from the forests in depot—				
Sal logs ...	25	1,043		
Teak poles and pieces ..	117	...		
Sal poles and pieces ...	48	...		
Poles and pieces, other than teak and sal ..	413	...		
Pit props ...	4,770	15,166		
Boat ..	1	...		
Bambus ..	12,577	..		
Bambu pieces ..	3,124	...		
			21,075	16,209

Particulars.	Number or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Removed by purchasers from Depot—				
Teak logs ...	2	60		
Sal logs ..	8	377		
Teak B. G. sleepers .	8,270	28,713		
Ditto N. G. do. ...	111	184		
Sal sleepers 10 × 10 × 5 ...	1,453	5,045		
Sleepers, other than teak and sal 10 × 10 × 5 .	11	38		
B. G. sleepers do. ...	25	86		
Teak scantlings ..	190	214		
Sal scantlings ...	17	120		
Scantlings, other than teak and sal ..	3	120		
Teak planks ..	396	172		
Planks, other than teak and sal ...	284	118		
Teak furdas and slabs ...	1	5		
Teak poles and pieces ...	112	...		
Sal poles and pieces ..	50	..		
Poles and pieces, other than teak and sal ...	856	..		
Pit props ...	4,176	13,691		
Bambus ..	12,438	..		
Bambu pieces ...	3,124	...		
Grass poolas ...	20,575	..		
			52,102	48,943
Used Departmentally—				
B. G. sleepers, other than teak and sal ...	3	9		
Grass poolas ...	1,450	...		
			1,453	9

Annual Form No. 56 [*Prescribed*] Continued.

Particulars.	Number or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Received by conversion in depot—				
Teak B. G. sleepers ...	8,161	28,721	8,161	28,721
Sal sleepers 10 × 10 × 5 ...	1,985	6,892		
Ditto 6 × 8 × 5 ...	1	2		
Sleepers, other than teak and sal 10 × 10 × 5...	18	62		
Teak scantlings ...	1,958	1,887		
Sal scantlings ...	182	1,306		
Scantlings, other than teak and sal ..	3	120		
Sal poles and pieces ...	2	...	4,149	10,269
Excess found—				
Sal logs ..	..	7		
Saj B. G. sleepers ...	2	7	2	14
Received from the forests and sold locally—				
Teak logs ...	191	622		
Log, other than teak and sal ..	1	...		
Teak sleepers ...	77	168		
Sal sleepers 10 × 10 × 5 ...	5,773	20,026		
Ditto 17 × 12 × 6 ...	195	1,656		
Sleepers, other than teak and sal ..	33	41		
Teak scantlings ..	214	222		
Sal scantlings ..	70	263		
Teak slabs ...	150	300		
Sal furdas .	474	...		
Teak poles and pieces ...	16,414	...		
Sal poles and pieces ...	27	...		
Poles and pieces other than teak and sal ...	83,673	...		
Firewood pieces ...	1,400	...		
Ditto cart loads ...	382	...		
Ditto kawar loads ...	16	...		
Ditto maunds ...	3,607	...		
Charcoal maunds ...	2	...		
Ditto kowar loads ...	2	...		
			1,12,701	23,298

Particulars.	Number or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Sold locally—				
Teak logs ...	191	622		
Logs, other than teak and sal ...	1	...		
Teak sleepers ..	77	168		
Sal sleepers 10' × 10 × 5 ...	5,773	20,026		
Ditto 17 × 12 × 6 ..	195	1,656	6,237	22,472
Sleepers, other than teak and sal ..	33	41		
Teak scantlings ...	214	222		
Sal scantlings ..	70	263		
Teak slabs ...	150	300		
Sal furdays ...	474	...		
Teak poles and pieces ...	16,414	...		
Sal poles and pieces ..	27	...		
Poles and pieces, other than teak and sal ...	83,673	...		
Firewood pieces ..	1,400	...		
Ditto cart loads ...	382	...		
Ditto kawar loads ...	16	...		
Ditto maunds ...	3,607	...		
Charcoal, maunds ...	2	...		
Ditto kawar loads ..	2	...		
Bambus No. ...	1,79,803	...		
Ditto head loads ...	185	...		
Grass poolas ..	24,38,206	...		
Ditto kawar loads ...	112	...		
Ditto head loads ..	234	...		
Fruits No. ..	1,203	...		
Horns No....	5	...		
Ditto Maunds ..	7	...		
Hides No....	19	...		
Ditto cart loads ..	5	...		
Other minor produce No....	1	...		
Ditto maunds ...	15,065	...		
			27,41,309	826

Bambus No. ..	1,79,803	...		
Ditto head loads ...	185	...		
Grass poolas ...	24,38,206	...		
Ditto kawar loads ...	112	...		
Ditto head loads ...	234	...		
Fruits No. ...	1,203	...		
Horns No. ..	5	...		
Ditto Maunds ..	7	...		
Hides No. ...	19	...		
Do. cart loads ..	5	...		
Other minor produce No. ..	1	...		
Ditto maunds ...	15,065	...	26,34,845	...
Confiscated and sold locally—				
Sal tree ..	1	...		
Trees, other than teak and sal ...	27	...		
Teak logs ...	2	...		
Logs, other than teak and sal ...	11	...		
Teak poles and pieces ...	927	...		
Ditto head load ...	1	...		
Poles and pieces, other than teak and sal ...	1,368	...		
Ditto cart loads ...	132	...		
Ditto head loads ...	5	...		
Ditto maunds ...	320	...		
Firewood, cart load ...	1	...		
Ditto head loads ...	9	...		
Charcoal, head load ...	1	...		
Bambus ..	385	...		
Bambu materials ...	25	...		
Other minor produce, cart loads ..	10	...		
Ditto maunds ...	164	...		
			3,389	...
Total ...			28,19,200	97,682

Confiscated and sold locally—				
Sal tree ...	1	...		
Trees, other than teak and sal ...	27	...		
Teak logs ...	2	...		
Logs, other than teak and sal ...	11	...	41	
Teak poles and pieces ...	927	...		
Ditto head load ...	1	...		
Received by purchases &c.				
Poles and pieces, other than teak and sal ...	1,368	...		
Ditto cart loads ...	132	...		
Ditto heads loads ...	5	..		
Ditto maunds ..	320	...		
Firewood, cart load ..	1	...		
Ditto head loads ...	9	...		
Charcoal, head load ...	1	...		
Bambus ...	385	...		
Bambu materials ...	25	...		
Other minor produce, cart loads ..	10	...		
Ditto maunds ...	164	...	3,348	...
Balance at close of the year—				
Teak logs ..	27	529		
Sal logs ...	17	673		
Teak B. G. sleepers ...	489	2,084		
Teak N. G. sleepers ..	621	1,035		
Teak sleepers 3½ × 5 × 5 ...	39	23		
Ditto 3 × 5 × 5 ...	63	32		
Ditto 3 × 3 × 3 ..	36	6		
Sal sleepers 10 × 10 × 5 ...	548	1,903		
Ditto 6 × 8 × 5 ...	1	2		
B. G. sleepers, other than teak and sal ...	2,431	8,442		
Ditto 10 × 10 × 5 ..	7	24		
Teak scantlings ..	6,441	6,679		
Sal scantlings ...	171	1,219		
Teak planks ...	1,779	662		
Planks, other than teak and sal ...	651	398		
Teak furdays or slabs ...	92	246		
Teak poles and pieces ..	14	...		
Poles and pieces, other than teak and sal ...	517	...		
Pit props ...	607	1,475		
Boat ...	1	...		
Bambus ..	158	...	14,710	25,432
Total ...			28,19,200	97,682

Annual Form No. 57. [*Prescribed.*]

FOREST DEPARTMENT, CENTRAL PROVINCES.

Abstract showing the value of timber and other produce at sale Depots for the year 1887-88.

Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.		Remarks.
	Number.	Cubic feet.	Value.	Number.	Cubic feet.	Value.	In favour of the year.	Against the year.	
			Rs.			Rs.	Rs.	Rs.	
Logs round ... Teak ...	29	589	299	27	529	250			
Logs round ... Sal ..	...	...	...	17	673	1,346			
Teak scantlings	4,673	5,006	4,055	6,441	6,679	4,928			
Sal scantlings	6	33	33	171	1,219	1,218			
Sleepers ... Teak ...	1,468	3,356	4,806	1,248	3,180	3,272			
Sleepers ... Sal ..	16	56	24	549	1,905	1,078			
Sleepers, other than teak and sal ...	2,457	8,530	6,633	2,438	8,466	5,920			
Teak furdays and slabs	93	251	226	92	246	202			
Teak planks	2,175	834	1,015	1,779	662	717			
Planks, other than teak and sal ..	935	516	313	651	398	196			
Teak pieces and poles, marketable ..	9	...	...	9	...	...			
				5	...	2			
Poles and pieces marketable, other than teak and sal	960	...	113	517	..	19			
Different wood props	13	...	20	607	..	911			
Boat	...	...	...	1	...	8			
Total ..	12,834	19,171	17,537	14,552	23,957	20,097	2,560	...	
Bambus	19	...	..	158	...	3	...	...	
Total ...	19	..	...	158	...	3	3	...	
Grass poolas	22,025	...	22	...	...	...	...	...	
Total ...	22,025	...	22	...	...	...	...	22	
Grand total .	34,878	19,171	17,559	14,710	23,957	20,100	2,541	...	

Annual Form No. 57 A.—(*Prescribed.*)

FOREST DEPARTMENT—CENTRAL PROVINCES.

Abstract showing the value of live and dead stock for the year 1887-88.

Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.		Remarks.
	No.	Cubic ft.	Value.	No.	Cubic ft.	Value.	In favour of the year.	Against the year.	
			Rs.			Rs.	Rs.	Rs.	
Elephants ...	5	...	1,868	4	...	1,232	...	...	
Other live stock ...	96	...	698	90	..	399	...	...	
Machinery ...	...	...	9,047	...	...	6,783	...	...	
Other dead stock ...	...	...	18,129	...	...	17,499	...	...	
Total ...	101	...	29,742	94	...	25,913	...	3,829	

Annual Form No.

FOREST DEPARTMENT,

Summary of Revenue of the

Budget Heads—Receipts.	Direction.	Balaghat Division.	Betul Division.	Bhandara Division.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Timber and other produce removed from the forests by Government agency:—				
a. Timber	.....	13,637 8 0	38 14 0	3,255 12 0
b. Firewood and Charcoal	.....	12 8 3	.....	40 6 0
c. Bamboos	.....	1,185 9 0	.....	707 5 0
d. Sandal-wood	.....	.....	.....	.....
e. Grass and other minor produce ..	.....	12,824 12 6	.....	7 6 3
II.—Timber, and other produce removed from the forests by consumers or purchasers:—	.....	11,392 3 10	.....	.....
a. Timber	.....	576 0 9	11,340 10 9	2,083 5 0
b. Firewood and Charcoal	.....	2,041 14 0	4,846 5 3	4,557 14 0
c. Bamboos	.....	1,861 15 5	6,647 4 11	2,004 4 9
d. Grazing and Fodder Grass ..	.....	20,714 1 9	28,905 1 10	19,840 8 0
e. Other Minor Produce	.....	2,407 10 1	6,014 10 9	4,086 7 0
III.—Confiscated drift and waif wood ...	.....	9 3 9	.....	448 0 0
IV.—Revenue from forests not managed by Government:—				
a.—Duty on Foreign Timber and other forest Produce	.....	.....	.....	.....
b. Revenue from shared and private forests ...	.....	.....	.....	3,962 12 0
V.—Miscellaneous:—				
a. Fines and forfeitures	.....	21 15 6	845 10 3	14 0 0
b. Refunds	1 6 0	7 12 6	103 14 6	22 7 7
c. Other sources	3,463 10 6	125 4 9	1,418 10 0	34 10 0
Total Receipts ..	3,465 0 6	66,818 8 1	60,161 2 3	41,065 1 7

BUDGET HEADS.

A.—Conservancy and Works.

I.—Timber and other produce removed from the forests by Government agency:—				
a. Timber	.....	6,256 6 3	.....	831 6 9
b. Firewood and Charcoal	.....	.....	.....	73 12 6
c. Bamboos	.....	388 4 8	.....	253 0 2
d. Sandal-wood	.....	.....	.....	.....
e. Grass and other minor produce ...	.....	3,171 12 1	.....	.....
II.—Timber and other produce removed from the forests by consumers or purchasers ...	.....	8,610 11 7	8,760 0 4	7,461 9 7
III.—Confiscated, drift and waif wood ...	.....	.....	.....	.....
IV.—Revenue from forests not managed by Government:—				
a. Duty on foreign timber and other forest produce ...	.....	.....	.....	.....
b. Revenue from shared and private forests ...	.....	.....	.....	.....
V.—Rent of leased forests, and payments to shareholders in forests, managed by Government:—	.....	.....	.....	.....
VI.—Live stock, Stores, Tools and Plant:—				
a. Purchase of Cattle	.....	.....	.....	.....
b. Feed and keep of Cattle ...	340 7 8	.....	.....	85 1 0
c. Purchase of Stores, Tools and Plant ..	.....	.....	85 8 0	145 13 9

different Divisions, for the year 1887-88.

Bilaspur Division.	Chanda Division.	Chhattisgarh Division.	Chhindwara Division.	Damoh District.	Hoshangabad Division.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
.....	67,340 2 7	870 0 0	.....	.....	2,847 14 8
.....	.....	.....	.....	.....	93 0 0
.....	34 4 9	10 9 0	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	971 14 1	.....	.....	.....	133 3 3
.....	31,743 3 5	7,718 0 0	.....	2,118 9 0	6,030 9 6
3,580 4 0	7,331 9 6	12,422 5 0	4,157 0 9	5,403 3 9	22,692 9 6
1,829 2 3	2,722 15 1	7,528 5 8	3,427 10 3	3,580 12 4	4,612 14 9
2,710 13 11	11,623 5 6	1,414 15 5	2,449 13 4	1,507 5 6	16,374 11 4
8,803 0 4	68,734 13 11	35,568 0 3	32,357 10 7	28,975 7 8	32,194 13 6
1,976 9 6	8,278 10 2	8,493 5 11	5,068 11 2	12,143 7 6	5,410 14 5
6 13 0	.....	42 9 0	882 3 9	.....	517 0 0
.....	.....	.....	.....	.....	.....
3,375 0 0	.....	.....	.....	.....	.....
113 14 0	.....	.....	48 6 10	.....	.....
127 2 2	0 2 0	.....	.....	.....	2 0 8
792 14 9	1,209 8 5	1,610 2 0	135 2 0	505 10 7	4,293 14 8
23,315 9 11	1,99,990 9 5	75,678 4 3	48,526 10 8	54,234 8 4	96,103 10 3
.....	27,130 2 10	2,404 5 9	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	136 10 7	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	305 13 10	.....	.....	.....	59 8 0
4,308 14 10	17,883 13 5	8,678 10 2	7,338 3 1	10,146 13 7	12,054 0 5
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	1,377 2 7	1,023 9 2	.....	.....	173 6 1
.....	104 3 0	538 8 9	.....	.....	127 4 0

Budget Head—Receipts.	Jubbulpore Division.	Mandla Division.	Nagpur Wardha Division.	Narsinghpur Division.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Timber and other produce removed from the forests by Government agency :—				
a. Timber	1,192 14 8	23,029 4 6	134 2 0	.....
b. Firewood and Charcoal	40 6 0	179 5 0	50 8 0	.....
c. Bamboos	211 14 3	761 1 1	3 0 0	.....
d. Sandal-wood	.....	.....	.....	.....
e. Grass and other minor produce ...	1,656 8 4	10,425 0 4	479 8 9	.....
II—Timber and other produce removed from the forests by consumers or purchasers ...	.....	10,891 3 0	.....	.....
a. Timber	375 8 3	390 12 7	9,123 11 4	835 8 9
b. Firewood and Charcoal	1,605 12 0	1,538 8 8	6,494 4 3	1,926 13 0
c. Bamboos	1,480 9 9	2,011 6 1	1,002 4 0	1,682 6 3
d. Grazing and Fodder Grass ...	8,864 1 6	55,176 15 1	36,589 11 6	4,928 12 6
e. Other Minor Produce	1,388 10 9	10,738 7 6	3,106 1 6	1,329 11 3
III.—Confiscated drift and waif wood ...	277 9 6	193 15 10	1,150 0 0	1 4 0
IV.—Revenue from forests not managed by Government :—				
a. Duty on Foreign Timber and other forest produce	.....	.....	.....	.....
b. Revenue from shared and private forests ...	.....	.....	.....	.....
V. Miscellaneous :—				
a. Fines and forfeitures	4 8 9	.....	80 0 0	3 15 6
b. Refunds	.....	10 12 5	10 13 5	.....
c. Other sources	1,410 8 3	122 1 10	260 2 2	16 0 0
Total Receipts ...	18,509 0 0	1,15,468 13 11	58,484 2 11	10,724 7 3

BUDGET HEADS.

A.—Conservancy and Works.

I—Timber and other produce removed from the forests by Government agency :—				
a. Timber	355 12 8	17,791 15 2	77 13 6	.....
b. Firewood gnd Charcoal	3 12 0	107 5 0	22 4 0	.....
c. Bamboos	69 10 0	477 11 1	.....	.....
d. Sandal-wood	...	...	.....	.....
e. Grass and other minor produce ...	909 11 3	1,805 13 11	3 4 3	.....
II.—Timber and other produce removed from the forests by consumers or purchasers :—	3,518 9 5	11,099 11 4	11,003 5 2	2,427 0 6
III.—Confiscated drift and waif wood ...	6 8 0	5 0 0	0 4 0	.....
IV.—Revenue from Forests not managed by Government :—				
a. Duty on foreign timber and other forest produce ...	.....	.....	.....	.....
b. Revenue from shared and private forests ...	.....	.....	.....	.....
V.—Rent of leased forests, and payments to shareholders in forests, managed by Government :—	.....	.....	.....	.....
VI.—Live stock, Stores, Tools and Plant :—				
a. Purchase of Cattle	.....	265 4 0	.....	.....
b. Feed and keep of Cattle	14 1 11	1,443 1 6	.....	.....
c. Purchase of Stores, Tools and Plant ...	42 0 0	147 6 11	907 0 0	.....

58.—[*Prescribed*].—(Contd.)

Nimar Division.	Sambalpur Division.	Saugor Division.	Seoni Division.	Total.	Remarks.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
35 4 0	.....	.....	290 11 6	1,12,672 7 11	
.....	.....	.....	.....	416 1 3	
.....	.....	.....	117 14 9	3,091 9 10	
.....	.....	.....	.....	.....	
139 10 11	.....	.....	.....	26,638 0 5	
1,400 1 0	.....	663 5 0	10,106 9 0	82,963 11 9	
9,028 2 0	12,422 6 4	4,861 15 2	5,991 1 10	1,12,616 3 3	
6,714 4 3	1,064 7 10	5,111 6 0	4,773 13 8	64,377 3 3	
11,053 14 8	305 9 9	3,339 7 5	10,797 9 3	78,267 13 3	
37,935 0 6	1,860 13 6	35,347 7 7	38,163 3 1	4,94,959 11 1	
2,644 6 1	118 13 3	9,125 4 3	3,460 5 10	85,792 2 11	
261 2 9	.....	35 2 0	59 0 3	3,883 15 10	
.....	.....	.....	.....	.....	
.....	.....	.....	.....	7,337 12 0	
30 0 0	425 0 9	.....	.....	1,587 7 7	
2 8 0	.....	.....	.....	288 15 3	
1,776 1 7	.....	950 15 1	350 14 2	18,476 2 9	
71,020 7 9	16,197 3 5	59,434 14 6	74,171 4	10,93,369 6 4	
.....	.....	.....	30 4 6	54,878 3 5	
.....	.....	.....	.....	207 1 0	
.....	.....	.....	48 5 0	1,373 9 6	
.....	.....	.....	.....	.....	
1 1 0	.....	.....	.....	6,257 0 4	
13,651 14 5	3,940 9 7	13,239 2 4	8,917 13 5	1,53,040 15 2	
.....	.....	.....	.....	11 12 0	
.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	
527 7 0	.....	.....	.....	527 7 0	
.....	.....	.....	.....	265 4 0	
165 12 8	.....	.....	317 13 0	4,940 7 7	
114 0 0	.....	8 15 9	36 13 6	2,257 9 8	

Budget head.—A.—Conservancy and Works.	Direction.	Balaghat Division.	Betul Division.	Bhandara Division.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—Conservancy and Works.				
VII.—Communications and Buildings—				
a.—Roads and Bridges	.....	95 3 6	729 12 6	.....
b.—Buildings	.....	21 15 3	9 4 0	.....
c.—Other Works	.....	.....	.....	.....
VIII.—Demarcation, improvement and extension of Forests:—				
a.—Demarcation	.....	447 8 2	670 13 9	706 9 1
b.—Compensation for Land and Rights ...	.....	.....	.....	.....
c.—Surveys and Working Plans ...	.....	.....	.....	.....
d.—Sowing and plantings	.....	.....	.....	205 8 8
e.—Protection from fire	.....	81 8 11	1,388 3 8	69 14 10
f.—Other Works	.....	.....	750 9 6	75 0 0
IX.—Miscellaneous:—				
a.—Refunds	.....	.....	.....	9 0 0
b.—Law Charges	.....	.....	.....	.....
c.—Other Charges	2,737 10 4	.....	24 8 0	5 4 0
Total A.—Conservancy and Works ...	3,078 2 0	10,073 6 5	12,418 11 9	9,921 15 10
B.—Establishment.				
I.—Salaries:—				
a.—Conservators	18,000 0 0	.....	.....	.....
b.—Superior Officers	5,350 0 0	2,400 0 0	6,276 10 8	4,200 0 0
c.—Subordinate Forest and Depot Establishments	37 3 3	1,969 1 5	3,611 13 5	1,508 14 4
d.—Office Establishments	5,825 4 10	.....	579 0 0	515 12 11
e.—Deputation and special Allowances ...	.....	.....	.....	.....
II.—Travelling Allowances:—				
a.—Conservators	1,467 6 0	.....	.....	.....
b.—Superior Officers	142 10 0	626 7 2	1,471 8 0	870 8 0
c.—Subordinate Forest and Depot Establishments	.....	.....	.....	.....
d.—Office Establishments	370 10 8	.....	75 9 4	37 12 8
III.—Contingencies:—				
a.—Stationery	15 12 3	.....	.....	16 6 6
b.—Carriage of Tents and Records ...	513 2 0	252 0 0	589 0 0	277 10 2
c.—Rents, Rates and Taxes	540 0 0	.....	300 0 0	146 2 1
d.—Pay of Police Guards	.....	.....	.....	.....
e.—Official Postage	387 3 0	39 9 0	396 3 0	320 13 9
f.—Sundries	773 3 10	48 0 0	218 5 5	132 12 0
Total B.—Establishments ..	33,422 7 10	5,335 1 7	13,518 1 10	8,026 12 5
Grand Total of Expenditure ...	36,500 9 10	24,408 8 0	25,936 13 7	17,948 12 3

Bilaspur Division.	Chanda. Division.	Chhattisgarh Division.	Chhindwara Division.	Damoh District.	Hoshangabad Division.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
35 0 0	429 14 9	.....	.....	.....	68 2 6
.....	708 7 2	.....	3 0 0	10 14 0	164 15 0
.....	31 6 0	.....	.....	.....	439 13 0
.....	7,379 12 9	773 15 10	415 6 9	.....	547 5 3
.....	.....	.....	.....	.....	.....
.....	329 14 5	153 14 4	.....	.....	.....
.....	.....	48 0 0	.....	.....	.....
.....	7,268 12 3	167 11 0	.....	.....	3,886 1 5
.....	771 8 11	44 3 0	.....	121 0 6	129 10 6
.....	91 1 10	12 8 0	9 13 6	.....	234 0 7
.....	13 14 0	.....	.....	.....	.....
97 5 6	301 8 5	.....	.....	.....	11 4 5
4,441 4 4	64,264 2 9	13,845 6 0	7,766 7 4	10,278 12 1	17,895 7 2
.....	.....	.....	.....	.....	.....
2,918 0 0	8,823 5 4	11,063 3 7	6,938 9 7	.....	4,150 0 0
198 13 2	8,031 8 11	3,780 9 8	1,785 14 7	3,099 5 10	10,400 0 1
29 9 9	956 13 9	628 2 7	.....	240 0 0	724 0 0
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
420 0 0	1,654 5 4	1,575 4 0	648 0 0	.....	1,366 3 10
.....	154 2 4	11 6 0	.....	.....	397 0 4
.....	97 2 8	68 2 8	.....	.....	47 10 6
.....	4 1 0	1 12 0	.....	.....	35 7 0
171 4 10	499 9 10	594 4 0	356 14 9	.....	628 1 7
.....	42 0 0	166 10 8	.....	.....	371 4 0
.....	.....	.....	.....	.....	.....
30 13 0	947 2 0	115 15 6	128 9 6	10 0 0	251 6 6
24 0 0	384 7 2	191 11 6	162 5 8	.....	325 9 4
3,792 8 9	21,594 10 4	18,197 2 2	10,020 6 1	3,349 5 10	25,696 11 2
8,233 13 1	85,858 13 1	32,042 8 2	17,786 13 5	13,628 1 11	43,592 2 4

Budget head.—A.—Conservancy and Works.	Jubbulpore District.	Mandla Division.	Nagpur Wardha Division.	Narsinghpur District.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—Conservancy and Works.				
VII.—Communications and Buildings:—				
a.—Roads and Bridges	12 9 3	178 9 9	.....	.....
b.—Buildings	2 1 3	290 5 0	54 10 0	.....
c.—Other Works	18 12 0	78 13 7	.....	.....
VIII.—Demarcation, improvement and extension of Forests—				
a.—Demarcation	69 6 0	1,443 13 3	1,700 14 0	84 13 11
b.—Compensation for Land and Rights ...	.....	.....	.....	.....
c.—Surveys and Working Plans ...	.....	2,917 0 1	.....	.....
d.—Sowing and plantings	0 10 0	216 9 9	.....	.....
e.—Protection from fire	452 7 1	2,737 4 5	685 3 6	.....
f.—Other works	.....	46 1 7	9 2 6	.....
IX.—Miscellaneous—				
a.—Refunds	.....	20 12 7	20 10 0	0 15 0
b.—Law Charges	.....	.....	.....	.....
c.—Other Charges	.....	195 3 11	.....	.....
Total A.—Conservancy and Works.	5,475 14 10	41,267 14 10	14,484 6 11	2,512 13 5
B.—Establishment.				
I.—Salaries:—				
a.—Conservators	.....	.....	.....	.....
b.—Superior Officers	1,000 0 0	16,050 1 1	2,907 0 5	.....
c.—Subordinate Forest and Depôt Establishments	2,272 5 [illegible]	7,596 2 7	5,401 3 0	639 0 0
d.—Office Establishments	70 10 1[illegible]	1,450 7 8	376 14 5	18 0 0
e.—Deputation and special Allowances ...	.....	.....	.....	.....
II.—Travelling Allowances:—				
a.—Conservators	.....	.....	.....	.....
b.—Superior Officers	290 13 1[illegible]	2,307 2 8	379 6 0	.....
c.—Subordinate Forest and Depot Establishments	10 9 [illegible]	224 8 0	131 10 10	.....
d.—Office Establishments	.....	95 10 4	5 5 4	8 13 4
III.—Contingencies:—				
a.—Stationery	3 9 [illegible]	126 12 9	13 11 3	19 8 0
b.—Carriage of Tents and Records ...	62 2 1[illegible]	936 10 10	240 15 3	.....
c.—Rents, Rates and Taxes	.....	319 11 3	.....	.....
d.—Pay of Police Guards	.....	.....	.....	.....
e.—Official Postage	29 12 [illegible]	208 4 6	383 5 0	0 7 0
f.—Sundries	98 9 1[illegible]	480 3 4	153 1 8	.....
Total B.—Establishment ...	3,838 9 10	29,795 11 0	9,992 9 2	685 12 4
Grand Total of Expenditure ...	9,314 8 8	71,063 9 10	24,477 0 1	3,198 9 9

58 (Prescribed)—Contd.

Nimar Division.	Sambalpur Division.	Saugor Division.	Seoni Division.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p
110 0 0	.....	32 3 0	2 8 0	1,693 15 3
785 11 6	84 0 0	132 5 6	344 0 6	2,611 9 2
50 0 0	.....	.....	.....	618 12 7
511 11 3	.....	378 13 6	117 12 6	15,248 12 6
.....	.....	.....	.....	.....
.....	.....	.....	.....	3,400 12 10
.....	32 0 0	5 12 6	.....	508 8 11
3,658 6 0	.....	444 13 1	2,400 14 9	23,241 4 11
277 6 2	0 1 0	108 6 5	614 2 6	2,947 4 7
125 0 0	.....	8 0 0	10 0 0	541 13 6
7 2 3	.....	.....	.....	21 0 3
74 2 9	.....	.....	22 10 6	3,469 9 10
20,059 11 0	4,056 10 7	14,358 8 1	12,863 2 2	2,78,062 13 6
.....	.....	.....		
12,600 0 0	250 0 0	10,800 0 0	.....	18,000 0 0
7,879 1 4	517 0 0	4,213 15 3	6,600 0 0	1,09,326 14 8
1,265 4 0	.....	326 0 0	8,633 9 10	71,575 9 10
.....	.....	.....	644 0 0	13,650 1 8
.....	.....	.....	.....	.....
946 13 4	.....	1,034 12 9	.....	1,467 6 0
8 5 4	.....	18 0 8	1,503 8 0	15,237 6 11
78 4 4	.....	15 8 0	326 3 11	1,281 14 5
9 15 6	.....	.....	106 12 0	1,007 5 10
589 0 2	0 4 0	307 14 10	.....	247 0 0
6 0 0	.....	.....	435 0 3	6,453 15 4
.....	.....	.....	300 0 0	2,191 12 0
140 10 6	20 0 0	506 2 0	193 1 6	4,109 6 3
459 10 4	.....	216 4 7	216 3 3	3,884 7 11
23,983 1 8	787 4 0	17,438 10 1	18,958 6 9	2,48,433 4 10
44,042 12 8	4,843 14 7	31,797 2 2	31,821 8 11	5,26,496 2 4

J. TAYLOR,
Asst. Comptroller General (Forests.)

Annual Form No. 59.—[*Prescribed.*]

FOREST DEPARTMENT, CENTRAL PROVINCES.

Account current for the year 1887-88.

Dr.

		Rs. a. p.	Rs. a. p.
To Cash Balance ...		...	260 15 1
„ VIII.—Assessed Taxes—			
Income Tax—Deductions from salaries ...		...	3,739 10 7
„ Revenue as per Annual Summary, Form No. 58 ...		...	10,93,369 6 4
„ Service Funds—			
Civil Fund—Ordinary, Bengal ...		...	
„ Additional, Bengal ...		...	
Military Fund—Bengal		243 0 0	
„ „ Madras		561 9 0	
„ Orphan Fund—Bengal ...		210 0 0	
Uncovenanted Service Family Pension Fund—Bengal		2,232 0 4	
General Family Pension Fund ...		281 12 0	
Hindu Family Annuity Fund ...		142 14 0	
			3,671 3 4
„ Deposits ...		...	79 11 2
„ Forest Cash Remittances—Local—			
Forest cheques drawn		5,23,086 12 5	
Inter-Divisional Transfers ...		41,388 12 9	
			5,64,475 9 2
„ Advances recoverable		...	3,60,123 12 2
„ Suspense		...	1,930 4 3
„ Account Current (other Governments)—			
Remittances from Government of India ...		..	1,719 12 10
„ Inter-Departmental Transfers—			
Public Works Department ...			
Military Department			
	Rs. a. p.		
Madras ...	15 0 0		
Bombay ...	5 1 0		
		20 1 0	
Civil Department—			
Jail ...	3,178 11 7		
Mathematical Instrument Department ...	135 7 0		
Miscellaneous ...	13 5 4		
Survey of India ...	164 8 0		
School of Industry, Jubbulpore	970 14 9		
		4,462 14 8	4,482 15 8
Total ...			20,33,853 4 7

Cr.

		Rs. a. p.	Rs. a. p.
By Expenditure as per Annual Summary Form No. 58.		...	5,26,496 2 4
„ Deposits		...	196 9 8
„ Forest Cash Remittances—Local—			
Remittances to Treasuries ...		9,82,729 6 10	
Inter-Divisional Transfers ...		39,967 8 11	
			10,22,696 15 9
„ Advances Recoverable		...	3,76,761 6 7
„ Suspense		...	1,930 3 3
„ Account Current (other Governments)—			
Remittances to the Government of India ..		2,112 10 7	
Do. do. N. W. P. and Oudh ...		47 12 3	
Do. do. Bombay ..		5,690 8 0	
			7,850 14 10
„ Inter-Departmental Transfers—			
Public Works Department State Railways ...			
	Rs. a. p.		
Wardha Coal State Railway ...	66,154 9 3		
Bengal-Nagpur Railway ..	29,563 12 0		
Bilaspur-Etawah State Railway and Umaria Colliery ...	437 4 0		
		96,155 9 3	
Public Works Department, other Branches ...		84 1 5	
Military Department		...	
Civil Department		..	
	Rs. a. p.		
Civil Department India ...	250 0 0		
Jail ...	189 4 0		
School of Industry, Jubbulpore...	942 12 4		
Police	43 11 7		
Miscellaneous ...	1 10 8		
		1,427 6 7	
			97,667 1 3
„ Cash Balance		...	253 14 11
Total ...			20,33,853 4 7

CALCUTTA,
The 23rd June 1888.

J. TAYLOR,
Asst. Comptroller General, (Forests.)

Annual Form No. 60.—[*Prescribed.*]

FOREST DEPARTMENT, CENTRAL PROVINCES.

Revenue received and Outstandings on account of Revenue during 1887-88.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realised during year.	Balance due to the Department at end of year.	Remarks.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Direction ...	Timber and other produce...	...	3,465 0 6	3,465 0 6	3,465 0 6	...	
Nagpur, Wardha ...	Ditto ...	...	58,484 2 11	58,484 2 11	58,484 2 11	...	
Bhandara ...	Ditto ...	1,406 2 0	39,800 9 7	41,206 11 7	41,065 1 7	141 10 0	
Chanda ...	Ditto ...	..	2,03,495 9 5	2,03,495 9 5	1,99,990 9 5	3,505 0 0	
Balaghat ..	Ditto ...	45 0 0	66,773 8 1	66,818 8 1	66,818 8 1	..	
Jubbulpore ...	Ditto ...	...	23,909 12 0	23,909 12 0	18,509 0 0	5,400 12 0	
Saugor ...	Ditto ..	607 9 9	58,827 4 9	59,434 14 6	59,434 14 6	...	
Damoh ...	Ditto ...	...	54,234 8 4	54,234 8 4	54,234 8 4	...	
Seoni ...	Ditto ...	29 7 0	74,141 12 4	74,171 3 4	74,171 3 4	...	
Mandla ...	Ditto ...	1,326 1 9	1,14,148 14 8	1,15,475 0 5	1,15,468 13 11	6 2 6	
Betul ...	Ditto ...	269 10 6	60,161 2 3	60,430 12 9	*60,430 12 9	...	* Includes Rs. 269-10-6 written off by sanction, *vide* Letter No. 1208—52 of 29th February 1888, from the Secretary to the Chief Commissioner.
Chhindwara ...	Ditto ...	...	48,526 10 8	48,526 10 8	48,526 10 8	...	
Hoshangabad ...	Ditto ...	...	96,103 10 3	96,103 10 3	96,103 10 3	...	
Narsinghpur ...	Ditto ...	...	10,724 7 3	10,724 7 3	10,724 7 3	...	
Nimar ...	Ditto ...	...	71,020 7 9	71,020 7 9	71,020 7 9	...	
Raipur ...	Ditto ...	...	75,678 4 3	75,678 4 3	75,678 4 3	...	
Sambalpur ...	Ditto ...	...	16,197 3 5	16,197 3 5	16,197 3 5	...	
Bilaspur ...	Ditto ...	...	23,315 9 11	23,315 9 11	23,315 9 11	...	
	Total ...	3,683 15 0	10,99,008 10 4	11,02,692 9 4	10,93,639 0 10	9,053 8 6	
	Deduct amount received in advance ...	†7 8 0	...	...	...	‡4,466 6 1	† Unadjusted balance Revenue paid in advance at the close of 1886-87.
	Balance due to the Department ...	3,676 7 0	...	...	...	4,587 2 5	‡ Do. of do. in do. at the close of 1887-88.
	Total ...	...	...	...	...	...	

Annual Form No. 61—[*Prescribed.*]

FOREST DEPARTMENT, CENTRAL PROVINCES.

Outstandings and Liabilities on Account of Contractors and Disbursers for 1887-88.

Division.	Department Debtor.			Department Creditor.			Balance due.		Remarks.
	At commencement of year.	Recoveries in cash, and value of supplies, and work done during the year.	At close of year.	At commencement of year.	Payments made during year.	At close of year.	To Department (Out-standings.)	By Department (Liabilities.)	
	Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
Direction ...	...	4,388 3 10	4,388 3 10	45 4 6	4,483 0 6	4,528 5 0	140 1 2	...	
Balaghat ..	..	28,265 15 10	28,265 15 10	99 10 1	32,735 4 8	32,834 14 9	4,568 14 11	...	
Betul ...	...	22,026 5 1	22,026 5 1	815 1 3	21,627 10 6	22,442 11 9	416 6 8	...	
Bhandara ...	...	8,927 9 4	8,927 9 4	36 7 9	9,519 3 1	9,555 10 10	628 1 6	...	
Bilaspur ..	...	20 0 0	20 0 0	22 2 0	6 0 0	28 2 0	8 2 0	...	
Chanda ...	...	92,633 8 0	92,633 8 0	2,719 10 11	97,069 1 2	99,788 12 1	7,155 4 1	...	
Chhattisgarh ...	...	15,645 5 10	15,645 5 10	1,049 1 10	17,909 7 1	18,958 8 11	3,313 3 1	...	
Chhindwara ...	...	9,851 3 10	9,851 3 10	0 2 0	9,856 10 7	9,856 12 7	5 8 9	...	
Damoh ...	...	50 0 0	50 0 0	50 0 0	.....	50 0 0	.....	...	
Hoshangabad ...	...	30,229 12 1	30,229 12 1	463 12 3	30,166 11 9	30,630 8 0	400 11 11	...	
Jubbulpore ...	...	7,295 0 6	7,295 0 6	5 3 7	7,395 6 10	7,400 10 5	105 9 11	...	
Mandla ...	...	44,190 1 4	44,190 1 4	1,000 10 4	49,804 12 0	50,805 6 4	6,615 5 0	...	
Mandla ..	...	1,572 9 7	1,572 9 7	459 7 3	1,113 2 4	1,572 9 7	.....	...	
Nagpur Wardha ...	...	23,678 5 0	23,678 5 0	947 13 7	23,335 14 5	24,283 12 0	605 7 0	...	
Narsinghpur ...	...	350 10 7	350 10 7	350 10 7	.....	350 10 7	.....	...	
Nimar ..	...	31,698 0 7	31,698 0 7	596 6 8	31,954 13 5	32,551 4 1	853 3 6	...	
Sambalpur ...	...	... ..	.....	.....	.....	.....	.....	...	
Saugor ...	...	17,850 1 1	17,850 1 1	308 5 2	17,946 1 8	18,254 6 10	411 5 9	7 0 0	
Seoni ...	...	21,450 15 8	21,450 15 8	306 7 0	21,838 2 7	22,144 9 7	693 9 11	...	
Total ...	...	3,60,123 12 2	3,60,123 12 2	9,276 4 9	3,76,761 6 7	3,86,037 11 4	25,920 15 2	7 0 0	

CALCUTTA,
The 30th May 1887.

J. TAYLOR,
Asst. Comptroller General (Forests.)

Annual Form No. 62.—[*Prescribed.*]

FOREST DEPARTMENT, CENTRAL PROVINCES.

Financial results of the year 1887-88.

Division.	Timber and other produce removed from the forests by Government agency.		Other revenue.		Formation, protection and improvement of forests.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Direction	...	...	3,465	1,368	1,368	3,465	2,736	
Nagpur	279	2	34,361	10,499	4,452	34,640	14,953	
Bhandara	4,011	8,620	37,054	4,684	5,931	41,065	19,235	
Chanda	68,347	28,622	1,31,644	31,707	29,067	1,99,991	89,396	
Wardha	388	102	23,457	7,227	4,767	23,845	12,096	
Balaghat	27,660	10,246	39,158	11,615	3,512	66,818	25,373	
Jubbulpore	4,066	1,586	15,952	7,546	5,372	20,018	14,504	
Saugor	...	...	59,435	22,963	10,763	59,435	33,726	
Damoh	...	...	54,234	12,475	2,439	54,234	14,914	
Seoni	469	78	73,702	20,090	14,225	74,171	34,393	
Mandla	33,430	24,468	80,529	23,725	22,507	1,13,959	70,700	
Betul	39	...	60,122	17,004	11,184	60,161	28,188	
Chhindwara	...	...	48,527	14,014	5,059	48,527	19,073	
Hoshangabad	3,074	122	93,801	26,038	20,923	96,875	47,083	
Narsinghpur	...	...	10,724	3,249	593	10,724	3,842	
Nimar	175	1	70,074	29,360	16,659	70,249	46,020	
Raipur	881	3,804	74,798	18,717	11,771	75,679	34,292	
Sambalpur	...	...	16,197	4,900	909	16,197	5,809	
Bilaspur	...	...	23,316	7,302	2,861	23,316	10,163	
Total ...	1,42,819	77,651	9,50,550	2,74,483	1,74,362	10,93,369	5,26,496	

APPENDIX A.

Statement showing the condition of the boundaries of the 1st Class Reserves at the close of the year 1887-88.

Divisions.	Length of Boundary.																								Boundary marks.										Cost during 1887-88, exclusive of outlay on the clearing of fire lines.
	I.—Total length.									II.—Length of natural boundaries (nalas, &c.)									III.—Balance of artificial boundaries to be maintained.																
	External boundary.			Boundaries of private areas wholly enclosed.			Total.			External boundary.			Boundaries of private areas wholly enclosed.			Total.			Total length.			Cleared during the year.			Balance.			Total number at commencement of the year.		Number added during the year.		Total to be maintained.		Number in good repair at close of the year.		Number requiring repairs.		
	Miles.	F.	C	Miles.	F.	C.	Miles.	F.	C.	Miles.	F.	C.	Miles.	F.	C.	Miles.	F.	C.	Miles.	F.	C.	Miles.	F.	C.	Miles.	F.	C.	Masonry.	Other marks.	Masonry.	Other marks.	Masonry.	Other marks.	Masonry.	Other marks.	Masonry.	Other marks.	Rs. a. p.
Chanda	281	6	5	48	4	8	330	3	3	35	3	1	1	0	8	36	3	9	293	7	4	293	7	4	...	...	.	97	5,258	...	1,767	97	7,025	97	5,751	..	1,274	883 4 3
Wardha	96	1	2	...	...	...	96	1	2	13	0	5	...	...	...	13	0	5	83	0	7	83	0	7	...	...	...	...	854	...	...	...	854	...	854	...	...	... ...
Jubbulpore	111	7	7	...	...	...	111	7	7	10	3	6	...	...	...	10	3	6	101	4	1	101	4	1	...		...	205	280	...	...	205	280	205	280	...	...	29 2 9
Saugor	210	1	2	16	2	8	226	4	0	20	4	1	...	...	...	20	4	1	205	7	9	205	7	9	...	...	..	140	2,573	...	41	140	2,614	140	2,614	...	...	... ...
Mandla	237	1	5	...	...	...	237	1	5	22	0	4	...	..	...	22	0	4	215	1	1	147	6	8	67	2	3	139	504	...	...	139	504	139	504	...	...	... ...
Seoni	337	6	5	5	4	0	343	2	5	7	0	0	4	0	0	11	0	0	332	2	5	332	2	5	...	...	...	1,296	1,765	...	...	1,296	1,765	1,283	1,765	13	...	140 8 0
Betul	230	6	4	43	2	0	274	0	4	46	3	7	1	4	1	47	7	8	226	0	6	226	0	6	...	...		122	1,768	...	118	122	1,886	122	1,886	...	...	80 5 4
Hoshangabad	360	6	3	32	0	0	392	6	3	50	2	1	...	...	...	50	2	1	342	4	2	206	5	1	135	[illegible]	1	62	1,3[illegible]1	.	...	62	1,321	57	494	5	827	170 7 1
Nimar	783	2	2	...	...	...	783	2	2	183	0	7	...	...	...	183	0	7	600	1	5	371	0	3	229	1	2	311	8,229	*[illegible]7	976	308	9,205	308	7,016	60	2,189	508 9 3
Raipur	27	4	7	...	...	...	27	4	7	8	5	9	...	...	...	8	5	9	18	6	8	18	6	8	...	...	.	25	...	...	...	25	...	21	...	4	...	31 4 5
Total ...	2,677	4	2	145	5	6	2,823	1	8	397	0	1	6	4	9	403	5	0	2,419	4	8	1,987	2	2	432	2	6	2,397	22,552	57	2,902	2,454	25,454	2,372	21,164	82	4,290	1,843 9 1
Add cost of new marks erected ...																																						336 5 10
Total Rs. ...																																						2,179 14 11

* Omitted from the previous return by oversight on the part of Divisional Forest Officer.

APPENDIX B.

Statement showing the number of cases in which Forest subordinates were punished during the year 1887-88.

Nature of punishment.	Permanent.					Temporary.																		
	Foresters.	Forest guards.	Clerk.	Office orderly.	Total.	Forest Darogahs.	Naib Darogahs.	Jemadars.	Duffadars.	Moharirs.	License vendors.	English clerk.	Chaprasies.	Fire guards.	Dak hurkaras.	Khalasies.	Chowkidar.	Maistries.	Gardeners.	Mahut.	Amin.	Total.	Grand Total.	Percentage on the strength of the subordinate establishment.
Prosecuted ...	...	3	...	...	3	...	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	8	11	0·44
Dismissed ...	1	18	...	...	19	...	...	...	8	7	...	...	26	...	...	1	1	1	...	...	...	44	63	2·54
Degraded ...	...	6	...	...	6	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	3	9	0·36
Suspended ...	2	4	...	...	6	...	...	...	2	...	...	...	9	...	...	...	...	...	...	...	...	11	17	0·69
Fined ...	12	86	1	2	101	2	6	2	41	25	6	1	63	1	1	2	...	1	2	1	1	155	256	10·33
Total ...	15	117	1	2	135	2	6	3	51	34	6	1	106	1	1	3	1	2	2	1	1	221	356	14·36

APPENDIX C.

Statement showing the number of animals grazed and the income derived therefrom during 1887-88.

	Buffaloes.		Cows and Bullocks.		Goats and Sheep.		Ponies and Donkeys.		Camels.		Elephants.		Other animals.		Total.		Amount of Revenue from grass.	Total Revenue.
	No.	Amount of Revenue.	No.	Amount of Revenue.	No.	Amount of Revenue.	No.	Amount of Revenue.	No.	Amount of Revenue.	No.	Amount of Revenue.	No.	Amount of Revenue.	No.	Amount of Revenue.		
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	Rs.	Rs
Nagpur ...	5,058	1,843	66,370	12,214	51,042	1,767	...	...	...	...	...	...	...	...	1,22,470	15,824	1,951	17,775
Bhandara ...	4,327	1,673	61,484	12,117	18,407	1,292	...	...	...	...	...	...	2	1	84,220	15,083	4,759	19,842
Chanda ...	63,498	13,413	3,97,787	45,482	1,79,811	7,590	15	3	...	...	...	...	...	...	6,41,111	66,488	2,246	68,734
Wardha ...	11,130	3,578	65,728	11,211	...	...	24	9	...	...	...	...	...	...	76,882	14,798	4,016	18,814
Balaghat ...	10,572	3,282	97,504	14,858	9,913	723	...	...	...	...	...	...	...	...	1,17,989	18,863	2,302	21,165
Jabalpur ...	2,726	588	63,515	7,967	2,067	129	...	...	..	...	...	...	...	...	68,308	8,684	180	8,864
Saugor ...	43,930	8,449	1,80,652	23,273	15,610	539	732	50	12	6	1	8	12	1	2,40,949	32,326	3,022	35,348
Damoh ..	37,041	7,144	1,57,274	20,261	17,805	1,122	13	2	...	...	27	230	...	...	2,12,160	28,759	216	28,975
Seoni ...	28,896	5,657	2,48,771	30,274	15,607	510	4	1	...	...	...	...	...	...	2,93,368	36,442	1,721	38,163
Mandla ...	51,248	9,621	3,16,797	39,609	37,792	2,363	...	...	...	...	...	...	56,544	3,534	4,62,381	55,127	50	55,177
Hoshangabad ...	25,376	7,401	1,38,681	21,217	6,067	283	440	67	47	8	...	...	21	5	1,70,632	28,981	3,213	32,194
Betul ...	14,590	5,188	1,06,702	20,170	31,579	1,168	44	9	14	6	...	...	...	...	1,52,929	26,541	2,364	28,905
Chhindwara ...	15,436	5,169	1,35,223	23,526	25,756	921	20	3	...	...	...	...	...	...	1,76,435	29,619	2,739	32,358
Narsinghpur ...	3,336	1,311	17,635	3,503	1,387	114	...	...	...	...	...	...	...	...	22,358	4,928	...	4,928
Nimar ...	32,730	10,326	1,36,697	22,008	9,825	624	227	42	111	56	...	...	...	...	1,79,590	33,051	4,885	37,936
Raipur ...	15,899	4,344	97,226	14,477	5,110	390	...	...	...	...	...	...	...	...	1,18,235	19,211	16,357	35,568
Sambalpur ...	3,469	424	22,853	1,401	1,163	36	...	...	...	...	...	...	...	...	27,485	1,861	...	1,861
Bilaspur ...	4,391	823	26,224	3,278	503	31	1	...	...	...	...	...	...	...	31,119	4,132	4,670	8,802
Total ...	3,73,653	90,234	23,37,123	3,26,841	4,29,534	19,602	1,520	186	184	76	28	238	56,579	3,541	31,98,621	4,40,718	54,691	4,95,409

APPENDIX D:

Statement of Forest buildings in the Central Provinces, costing over Rupees 200 each at the close of 1887-88.

Division.	Situation.	Description of Buildings.	Original cost. Of Buildings on hand at commencement of the year.			Original cost. Of Buildings constructed during the year.			Cost of repairs during the year.			Rent realized in 1887-88.			REMARKS.
			Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	
Chanda ...	Chanda Civil Station ...	Terrace roof bungalow ...	8,000	0	0	.....			257	11	11	480	0	0	For portion of the building.
	Moharli ...	Rest house ...	500	0	0	.....			178	5	9	.....			
	Allapalli ...	Rest house	300	0	0	.....			13	2	9	.....			
Jubbulpore ...	Kitowli ...	Rest house, 1 room and verandah, kutcha walls.	400	0	0	.....			.....			.....			
Saugor ...	Garhakota ...	Pucka Inspection bungalow ..	1,000	0	0	.....			.....			.....			
	Do.	Four roomed barrack, kutcha ...	210	0	0	.....			.....			.....			
Mandla ..	Kisli	Store house, 4 rooms and verandah, pucka brick walls	446	0	0	.....			7	1	0	.....			
Seoni ...	Korai ...	Small pucka Inspection bungalow ...	1,000	0	0	.....			49	1	3	.....			
	Bukar ...	Small pucka Inspection bungalow ...	.....			306	14	9	.....			.....			
Nimar ...	Kirgaon ...	Pucka Rest house	1,182	8	3	.....			10	6	6	.....			
	Punasa ...	Pucka Rest house	629	10	0	.....			16	4	0	.....			
	Head-quarters ...	Small pucka bungalow	4,054	0	0	.....			354	0	0	.....			